```
? show files;ds
File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)
         (c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200751
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120
         (c) 2007 WIPO/Thomson
File 350:Derwent WPIX 1963-2007/UD=200782
         (c) 2007 The Thomson Corporation
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File 120:U.S. Copyrights 1978-2007/Sep 11
         (c) format only 2007 Dialog


File 426:LCMARC-Books 1968-2007/Dec W4
         (c) format only 2007 Dialog
File 430:British Books in Print 2007/Jan W3
         (c) 2007 J. Whitaker & Sons Ltd.
File 483:Newspaper Abs Daily 1986-2008/Jan 01
         (c) 2008 ProQuest Info&Learning
File   2:INSPEC 1898-2007/Dec W2
         (c) 2007 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2007/Oct
         (c) 2007 ProQuest Info&Learning
File  65:Inside Conferences 1993-2007/Dec 31
         (c) 2007 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2007/Oct
         (c) 2007 The HW Wilson Co.
File 474:New York Times Abs 1969-2007/Dec 29
         (c) 2007 The New York Times
File 475:Wall Street Journal Abs 1973-2007/Dec 30
         (c) 2007 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 256:TecInfoSource 82-2007/Jul
         (c) 2007 Info.Sources Inc
File 139:EconLit 1969-2007/Nov
         (c) 2007 American Economic Association
File   9:Business & Industry(R) Jul/1994-2007/Dec 20
         (c) 2007  The Gale Group
File  15:ABI/Inform(R) 1971-2008/Jan 02
         (c) 2008 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2007/Dec 25
         (c) 2007 The Gale Group
File  20:Dialog Global Reporter 1997-2008/Jan 02
         (c) 2008 Dialog
File 148:Gale Group Trade & Industry DB 1976-2007/Dec 19
         (c)2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Dec 25
         (c) 2007 The Gale Group
File 476:Financial Times Fulltext 1982-2007/Jan 01
         (c) 2007 Financial Times Ltd
File 610:Business Wire 1999-2008/Jan 02
         (c) 2008 Business Wire.
File 613:PR Newswire 1999-2008/Jan 02
         (c) 2008 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Dec 19
         (c) 2007 The Gale Group
File 624:McGraw-Hill Publications 1985-2007/Dec 28
         (c) 2007 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2007/Dec 27
         (c) 2008 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2007/Dec 26
         (c) 2007 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 267:Finance & Banking Newsletters 2007/Dec 17
         (c) 2007 Dialog
File 268:Banking Info Source 1981-2007/Dec W1
         (c) 2007 ProQuest Info&Learning
File 625:American Banker Publications 1981-2007/Dec 25
```

Set	Items	Description
S1	23	AU=(MAGARAM, J? OR MAGARAM J? OR PARLIN, D? OR PARLIN D?)
S2	21	S1 FROM 347,348,349,350,371
S3	3	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NEST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR CATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S4	3	S2 AND S3
S5	0	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPRESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATION OR PROJECTION OR PROJECTIONS
S6	3	IDPAT S4 (sorted in duplicate/non-duplicate order)
S7	3	IDPAT S4 (primary/non-duplicate records only)
S8	2	S1 NOT S2
S9	2	RD (unique items)
S10	5	S7 OR S9

DIALOG(R)File 350:Derwent WPIX

0016703333   - Drawing available
WPI ACC NO: 2007-418414/200740
XRPX Acc No: N2007-314328
**Multimedia files organizing method for computing environment, involves
storing multimedia files in multiple containers based on multiple
relationships between multimedia files and set of properties**
Patent Assignee: MICROSOFT CORP   (MICT)
Inventor: DART S E; NIKIEL M A; PARK J P; **PARLIN D R** ; PERY B L
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20070055928	A1	20070308	US 2005217488	A	20050902	200740	B

Priority Applications (no., kind, date): US 2005217488 A   20050902

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20070055928	A1	EN	14	8	

...Inventor: **PARLIN D R**
   Alerting Abstract ...NOVELTY - The method involves generating a
hierarchy including a set of containers. A set of properties is associated
with each container in the **hierarchy** . Multimedia files are stored in
multiple containers based on multiple relationships between the multimedia
files...

...of properties associated with the container represent multiple
activities. The set of containers in the **hierarchy** are nodes in a **tree
structure** . ...method for organizing multimedia files a method to track
membership of multimedia files in a **hierarchical** structure a computer
readable medium storing a data structure that efficiently organizes
multimedia files...

Original Publication Data by Authority

Inventor name & address:
... **Parlin, David R**
Original Abstracts:
A method to organize multimedia files in a **hierarchy** having a plurality
of nodes is provided. The nodes of the **hierarchy** are lists that store
references to the multimedia files. Additionally, each node of the
hierarchy is associated with properties representing activities to be
performed on the multimedia files. The multimedia...
Claims:
We claim:1. A method to organize multimedia files, the method
comprising:generating a **hierarchy** having a plurality of
containers;associating a plurality of properties with each container in the
 hierarchy ; andstoring multimedia files in one or more containers based on
one or more relationships...

DIALOG(R)File 350:Derwent WPIX

0016327445 - Drawing available
WPI ACC NO: 2007-043614/200705
XRPX Acc No: N2007-030056
**Data management program for electronic data management, has data structure
with data sets, one storing electronic file and other storing metadata
associated with electronic file**

Patent Assignee: MICROSOFT CORP   (MICT)
Inventor: DART S E; EVANS C A; HOEFNAGELS S; IVANOVIC R B; MCKEE T P; MOORE
   J F; **PARLIN D R** ; WILLIAMS S T; WONG L K F
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20060242164	A1	20061026	US 2005111989	A	20050422	200705	B

Priority Applications (no., kind, date): US 2005111989 A 20050422

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060242164	A1	EN	50	26	

...Inventor: **PARLIN D R**

  Alerting Abstract ...string indicating a property associated with the
electronic file. The flat path string indicates a **hierarchical** structure
of the property data....useful ways of organizing and displaying
information regarding the user's files e.g. by **hierarchical** properties,
lists, auto-lists, folders, etc. Enables users to assign properties to
files, or change assigned properties associated with files, optionally with
the use of **hierarchical** . properties...

Original Publication Data by Authority

Inventor name & address:
... **Parlin, David R**
Original Abstracts:
...folders, and/or other storage elements and allow users to organize
files, e.g., by **hierarchical** properties, lists, auto lists, folders, and
the like. Such systems and methods allow users to assign properties to a
file (optionally in a **hierarchical** manner), to change assigned
properties, to search, view, and retrieve information based on the assigned
...
Claims:
...first property associated with the electronic file, wherein the first
flat path string indicates a **hierarchical** structure of the property data.

10/AA,AN,AZ,TI/1   (Item 1 from file: 350)

0016703333
WPI ACC NO: 2007-418414/
Multimedia files organizing method for computing environment, involves
storing multimedia files in multiple containers based on multiple
relationships between multimedia files and set of properties

Original Titles:
User workflow lists to organize multimedia files
Local Applications (No Type Date): US 2005217488 A 20050902
Priority Applications (no., kind, date): US 2005217488 A 20050902

10/AA,AN,AZ,TI/2   (Item 2 from file: 350)

0016327445
WPI ACC NO: 2007-043614/
Data management program for electronic data management, has data structure
with data sets, one storing electronic file and other storing metadata
associated with electronic file

Original Titles:
Systems, methods, and user interfaces for storing, searching, navigating,
and retrieving electronic information
Local Applications (No Type Date): US 2005111989 A 20050422
Priority Applications (no., kind, date): US 2005111989 A 20050422

10/AA,AN,AZ,TI/3   (Item 3 from file: 350)

0015696728
WPI ACC NO: 2006-260715/
Graphic editing control adjustment system has image processing engine
communicating with user interface, that adjusts image parameters
automatically based on user input

Original Titles:
System and method for controlling dynamically interactive parameters for
image processing
Local Applications (No Type Date): US 2004953188 A 20040930
Priority Applications (no., kind, date): US 2004953188 A 20040930

10/AA,AN,AZ,TI/4   (Item 1 from file: 148)

09186825   SUPPLIER NUMBER: 18995998
ATM Exchange upgrades color. (The ATM Exchange Inc.)

10/AA,AN,AZ,TI/5   (Item 1 from file: 268)

00257206
Ask the right questions when buying used ATMs

? show files;ds

Set	Items	Description
S1	112865	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S2	112865	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S3	5413	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S4	3768	FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW - OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-ESTMENT OR ESTATE OR INSURANCE
S5	2797	DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR DISENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING - OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6	7320	OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7	31182	DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR - FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
S8	29386	BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-UBSUMED OR SUBCLASS?? OR WITHIN
S9	33599	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? - OR COMPUTE OR COMPUTING OR FIGUR???
S10	45	S3(5N)S4
S11	22	S5(5N)S6
S12	2563	S7(5N)S8
S13	0	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	0	S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9
S16	0	S3(10N)S4(10N)S5(10N)S9
S17	1190	S2 AND S9 AND S12
S18	38	S2(10N)S9(10N)S12
S19	36	S5 AND S17
S20	18	S19 AND IC=(G06F OR G06Q)
S21	0	S5 AND S18
S22	18	IDPAT S20 (sorted in duplicate/non-duplicate order)
S23	18	IDPAT S20 (primary/non-duplicate records only)

0016669821 - Drawing available
WPI ACC NO: 2007-384906/200736
XRPX Acc No: N2007-287998
**Microprocessor for atomically updating privileged architecture registers,
has coprocessor having control register storing bit mask used to atomically
set or clear, and to modify bit fields atomically by privileged
instructions**
Patent Assignee: MIPS TECHNOLOGIES INC   (MIPS-N)
Inventor: UHLER G M
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 7185183	B1	20070227	US 2001921400	A	20010802	200736	B

Priority Applications (no., kind, date): US 2001921400 A 20010802

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 7185183	B1	EN	18	8	

  Alerting Abstract ...ADVANTAGE - The **interrupt** handling is performed
without disabling of **interrupts** and strict **nesting** of **interrupt**
service routines thus enhancing the ability of kernel programs to modify
the selected control registers...

...DESCRIPTION OF DRAWINGS - The **figure** shows a block diagram of
microprocessor coupled with the coprocessors...

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
    G06F-0009/48 ...
    G06F-0009/46 ...

Original Publication Data by Authority

Original Abstracts:
...set in the bit mask. By atomically modifying privileged control
registers, a requirement for strict **nesting** of **interrupt** routines is
eliminated.
Claims:
...said second register containing a bit mask, said bit mask determining
which of the bit **fields** **within** the control register are to be
modified;wherein said bit mask is used to atomically...

0013748294 - Drawing available
WPI ACC NO: 2003-847001/200379
XRPX Acc No: N2003-676980
Reduced instruction set computing **system operating method involves
performing data access from low-level code to address specified as negative
offset from zero value stored in register**
Patent Assignee: SUN MICROSYSTEMS INC   (SUNM)
Inventor: ALDERSON J
Patent Family (4 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
GB 2388447	A	20031112	GB 200210661	A	20020509	200379	B

US 20030212874   A1   20031113   US 2003395441   A   20030324   200382 E
GB 2388447   B   20050727   200549 E
US 7065625   B2   20060620   US 2003395441   A   20030324   200641 E

Priority Applications (no., kind, date): GB 200210661   A   20020509

Patent Details
Number   Kind Lan   Pg Dwg   Filing Notes
GB 2388447   A   EN   32   5
Reduced instruction set computing **system operating method involves
performing data access from low-level code to address specified as...**

   Alerting Abstract ...data access from low-level code such as trap
routine, running on reduced instruction set **computing** (RISC) system,
during page fault, instruction error **detection** and trap **nesting** .
   ...

...DESCRIPTION OF DRAWINGS - The **figure** shows an explanatory view of a
memory **space** of the processor and the interpretation of negative memory
offsets

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
    G06F-0011/34 ...

... G06F-0012/00 ...

... G06F-0009/30 ...

... G06F-0009/355
    G06F-0011/34 ...
..._ G06F-0012/00 ...

... G06F-0009/30 ...

... G06F-0009/34

Original Publication Data by Authority

Original Abstracts:
...value. In response to a predetermined occurrence on the computer system,
such as a hardware **interrupt** , the computer system **launches** a trap
routine. This routine generates output data that needs to be stored within
the...

...value. In response to a predetermined occurrence on the computer system,
such as a hardware **interrupt** , the computer system launches a trap
routine. This **routine** generates output data that needs to be stored
within the memory space of the computer...
Claims:
...in the allocated region of memory, wherein said address is specified as
a negative offset **from** the zero **value** stored in said register.

 23/3,K/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0013384663 - Drawing available
WPI ACC NO: 2003-474524/200345
XRPX Acc No: N2003-377623
 Hierarchic **file system for limited resource digital computer system, has
directories and files defining double-linked set of objects, each being
forward and backward linked to another object**

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2003140944	A	20030516	JP 2002270274	A	20020917	200345	B
US 20030115227	A1	20030619	US 2001322801	P	20010917	200347	E
			US 2002241746	A	20020911		
US 7043493	B2	20060509	US 2001322801	P	20010917	200632	E
			US 2002241746	A	20020911		

Priority Applications (no., kind, date): US 2001322801 P 20010917; US
2002241746 A 20020911

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003140944	A	JA	85	13	
US 20030115227	A1	EN			Related to Provisional US 2001322801
US 7043493	B2	EN			Related to Provisional US 2001322801

Hierarchic **file system for limited resource digital computer system, has
directories and files defining double-linked...**

Original Titles:
 HIERARCHICAL FILE SYSTEM OF COMPUTER AND COMPUTER SYSTEM HAVING LIMITED
RESOURCE, AND ANTI-TEARING ALGORITHM...

... **Hierarchical** file system and anti-tearing algorithm for a
limited-resource computer such as a smart...

... **Hierarchical** file system and anti-tearing algorithm for a
limited-resource computer such as a smart

   Alerting Abstract ...organizations and implementations appropriate for
small processors and memory. The file system effectively supports complete
hierarchical file system semantics and enable compact representations,
small code size for implementation, fast access and retrieval and relative
immunity to occasional errors...

...DESCRIPTION OF DRAWINGS - The **figure** shows the block diagram of the
fundamental **architecture** of the **hierarchic** file system. (Drawing
includes non-English language **text**).

Title Terms/Index Terms/Additional Words: **HIERARCHY** ;

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   G06F-0011/14 ...

... **G06F-0012/00** ...

... **G06F-0017/30**
   G06F-0011/14 ...

... **G06F-0012/00** ...

... **G06F-0017/30**

Original Publication Data by Authority

Original Abstracts:
...based upon an integrated circuit card ("smart card") or embedded
processor novely employs a full **hierarchical** file system consistent **with**
 desktop and laptop computers, thereby enabling the full execution of
application programs. This **hierarchical** file system contains **both** files

and directories and is consistent with the following limited resource
computer considerations: small code...

...anti-tearing algorithm is operative to ensure that data residing in any
object of the **hierarchical** file system is **either** in: (1) the state it
was in before an atomic write operation was commended with...

...one based upon an integrated circuit card ("smart card") or embedded
processor employs a full **hierarchical** file system consistent with desktop
and laptop computers, **thereby** enabling the full execution of application
programs. This **hierarchical** file system contains both files and
directories and **is** consistent with the following limited resource
computer considerations: small code size for implementation; compact
representation...

...anti-tearing algorithm is operative to ensure that data residing in any
object of the **hierarchical** file system.
Claims:
 What is claimed is: 1. A **hierarchical** file system of objects
for a limited-resource **computer** system, comprising: at least one
directory, said at least one directory having an index that...

...What is claimed is:1. A **hierarchical** file system of computer-readable
data objects, the **hierarchical** file system operable within a
limited-resource computer system to enable an anti-tearing function, the
hierarchical file system comprising: at least one computer- **readable**
directory operable **within** a memory **element** of the **limited** -resource
computer system, said at least one computer-readable directory having an
index that uniquely identifies **said** at least one computer-readable
directory;one or more files in said **at** least one **computer** -readable
directory, each of said one or more files having an index that uniquely
identifies...

...the physical, digital electronic state being representative of whether
or not said write operation was **interrupted** before it was completed, such
that the physical, digital electronic state is readable by the

 23/3,K/16   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009444884 - Drawing available
WPI ACC NO: 1999-383850/199932
Related WPI Acc No: 1996-465188
XRPX Acc No: N1999-287349
 Hierarchical **encapsulated system in multimedia applications, world wide
web**
Patent Assignee: QUARK INC (QUAR-N)
Inventor: GUDMUNDSON N K; MACINNIS B Y
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 5907704	A	19990525	US 1995415848	A	19950403	199932	B
			US 1996720660	A	19961002		

Priority Applications (no., kind, date): US 1995415848 A 19950403; US
  1996720660 A 19961002

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5907704	A	EN	100	39	C-I-P of application US 1995415848
					C-I-P of patent US 5680619

 Hierarchical **encapsulated system in multimedia applications, world wide
web**

Original Titles:

Hierarchical encapsulation of instantiated objects in a multimedia authoring system including internet accessible objects.

Alerting Abstract ...of elements and modifiers having a common set of corresponding characteristics are linked by a **hierarchical** encapsulation module. An object configuration and a messaging module allows the modifier to react to...
...the messages transmitted from a network node to the other may be selectively enabled and **disabled** . The modifier is coupled to network module for receiving the messages transmitted from a network...

...DESCRIPTION OF DRAWINGS – The **figure** shows an illustration of the **hierarchy** encapsulation principles.

Title **Terms**/Index Terms/Additional Words: **HIERARCHY** ;

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  G06F-0017/30 ...

... **G06F-0009/44**
  G06F-0017/30 ...

... **G06F-0009/44**

Original Publication Data by Authority

Original Abstracts:
...reusable object containers merely by defining links among instantiated objects. Employing a technique known as **Hierarchical** Encapsulation, the system **automatically** isolates the external dependencies of the object containers created by its users, thereby facilitating reusability...

...the objects they contain in other container environments. Authors create two basic types of objects: **Elements** , which are the **key** actors **within** an application, and **Modifiers** , which modify an **Element** 's characteristics. The object containers (Elements and Behaviors--i.e., Modifier containers) created by authors spawn **hierarchies** of objects, including **the** Structural **Hierarchy** of **Elements** **within** **Elements** , and **the** **Behavioral** **Hierarchy** , **within** an **Element** , **of** **Behaviors** (and **other** Modifiers) **within** Behaviors. Through the **technique** known as **Hierarchical** Message Broadcasting, objects **automatically** receive messages sent to their object container. **Hierarchical** Message Broadcasting may **be** used advantageously for sending messages between object containers that may be located remotely from each...
Claims:
...of characteristics inherent to each member in the second set of Modifiers; and(c) a **hierarchical** linking mechanism that allows a first Element **from** the first set of Elements to be linked to a first Modifier from the second...

 23/3,K/17   **(Item 17 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

0005642920 - Drawing available
WPI ACC NO: 1991-252831/199134
XRPX Acc No: N1991-192679
Net-worked facilities management system - determines and extracts attributes of software object needed to preform high level functions of features requesting data
Patent Assignee: JOHNSON CONTROLS TECHNOLOGY CO (JOHV); JOHNSON SERVICE CO
  (JOHV)
Inventor: BURKHARDT D E; CLAY; DAN; DARRELL; DAVID; DECIOUS G M; DENNIS;

DONALD; GARBE J R; GAYLON; GOTTSCHALK D A; HYZER S M; JAMES; KAREN; KOCH
D L; MADAUS P W; MAGELAND O M; MICHAEL; NESLER C G; OTTO; PASCUCCI G A;
PASCUCCU G A; PAUL; RASMUSSEN D E; ROBERT; SINGERS R R; SPACEK D J;
STANDISH D E; STARK J K; SUSAN; VAIRAVAN; VAIRAVAN V; VAIRAVAN V E;
WAGNER M E; WOEST K L

Patent Family (20 patents, 16 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 1991011766	A	19910808	WO 1991US551	A	19910125	199134	B
AU 199173304	A	19910821				199147	E
EP 513206	A1	19921119	EP 1991904509	A	19910125	199247	E
			WO 1991US551	A	19910125		
JP 5506527	W	19930922	JP 1991504862	A	19910125	199343	E
			WO 1991US551	A	19910125		
AU 647086	B	19940317	AU 199173304	A	19910125	199416	E
WO 1991011766	A3	19920109	WO 1991US551	A	19910125	199509	E
US 5384697	A	19950124	US 1990476031	A	19900130	199510	E
			US 1993175770	A	19931230		
EP 513206	B1	19950412	EP 1991904509	A	19910125	199519	E
			WO 1991US551	A	19910125		
DE 69108900	E	19950518	DE 69108900	A	19910125	199525	E
			EP 1991904509	A	19910125		
			WO 1991US551	A	19910125		
JP 7182283	A	19950721	JP 1991504862	A	19910125	199538	E
			JP 1994291906	A	19910125		
US 5444851	A	19950822	US 1990476031	A	19900130	199539	E
			US 1994185674	A	19940121		
US 5463735	A	19951031	US 1990476031	A	19900130	199549	E
			US 1994191284	A	19940203		
JP 8055051	A	19960227	JP 1991504862	A	19910125	199618	E
			JP 1994291907	A	19910125		
US 5511188	A	19960423	US 1990476031	A	19900130	199622	E
			US 1993176730	A	19931230		
US 5522044	A	19960528	US 1990476031	A	19900130	199627	E
			US 1994185181	A	19940121		
US 5550980	A	19960827	US 1990476031	A	19900130	199640	E
			US 1994178970	A	19940107		
US 5598566	A	19970128	US 1990476031	A	19900130	199710	E
			US 1994179494	A	19940107		
US 5884072	A	19990316	US 1990476031	A	19900130	199918	E
			US 1993170086	A	19931217		
CA 2075048	C	19990817	CA 2075048	A	19910125	199953	E
			WO 1991US551	A	19910125		
US 6115713	A	20000905	US 1990476031	A	19900130	200044	E
			US 1993170086	A	19931217		
			US 1996706194	A	19960830		

Priority Applications (no., kind, date): US 1996706194 A 19960830; US
  1994191284 A 19940203; US 1994185674 A 19940121; US 1994185181 A
  19940121; US 1994179494 A 19940107; US 1994178970 A 19940107; US
  1993176730 A 19931230; US 1993175770 A 19931230; US 1993170086 A
  19931217; US 1990476031 A 19900130

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1991011766	A	EN			

National Designated States,Original: AU CA JP
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LU NL
  SE

| EP 513206 | A1 | EN | 57 | 57 | PCT Application WO 1991US551 |
| | | | | | Based on OPI patent   WO 1991011766 |

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI LU
  NL SE

JP 5506527	W	JA			PCT Application WO 1991US551
					Based on OPI patent WO 1991011766
AU 647086	B	EN			Previously issued patent AU 9173304

Based on OPI patent   WO 1991011766

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WO 1991011766    A3  EN
US 5384697       A   EN   136   83   Division of application  US 1990476031

EP 513206        B1  EN    48   26   PCT Application  WO 1991US551
                                     Based on OPI patent    WO 1991011766
Regional Designated States,Original:  AT BE CH DE DK ES FR GB GR IT LI LU
   NL SE
DE 69108900      E   DE                Application  EP 1991904509
                                     PCT Application  WO 1991US551
                                     Based on OPI patent    EP 513206
                                     Based on OPI patent    WO 1991011766
JP 7182283       A   JA    94        Division of application  JP 1991504862

US 5444851       A   EN   137   83   Division of application  US 1990476031

US 5463735       A   EN   134   83   Division of application  US 1990476031

JP 8055051       A   JA    99        Division of application  JP 1991504862

US 5511188       A   EN   128   83   Division of application  US 1990476031

US 5522044       A   EN   135   83   Division of application  US 1990476031

US 5550980       A   EN   134        Division of application  US 1990476031

US 5598566       A   EN   135        Division of application  US 1990476031

US 5884072       A   EN               Division of application  US 1990476031

CA 2075048       C   EN               PCT Application  WO 1991US551
                                     Based on OPI patent    WO 1991011766
US 6115713       A   EN               Division of application  US 1990476031

                                     Division of application  US 1993170086

                                     Division of patent  US 5884072
```

Alerting Abstract ...The control mode comprises a circuit for processing
and storing data at multiple **hierarchical** levels. A circuit in the store ,
holds features in a first software level, the features...

Class Codes
International Classification (Main): **G06F-011/00** ...

... **G06F-012/00** ...

... **G06F-013/00** ...

... **G06F-013/12** ...

... **G06F-015/00** ...

... **G06F-015/16** ...

... **G06F-015/177** ...

... **G06F-015/46** ...

... **G06F-017/30** ...

... **G06F-003/00** ...
... **G06F-009/44**
... (Additional/Secondary): **G06F-011/08** ...

... **G06F-013/14** ...

... **G06F-013/40** ...

... G06F-015/163 ...

... G06F-009/40 ...

... G06F-009/445 ...

... G06F-009/46

Original Publication Data by Authority

Original Abstracts:
...intermediate network controller. Thus, as certain network controllers
are connected, disconnected or disabled during the **operation** of the
network, the control of a process is not interrupted. Additionally, the
network controllers **are** not configured to store large amounts of routing
data because a path to **a** device can be established through other
controllers with routing information...
Claims:
The control mode comprises a circuit for processing and storing data at
multiple **hierarchical** levels. A circuit in the store hold features in a
first software level, the features ...>A method of accessing network
controllers in a facilities management system with a **portable** computing
unit, the network controllers in the facilities management system being
arranged to control a process, the network controllers being configured as
at least one **network** and being interconnected by at least one
communication link, each of the network controllers including...

...a node drop ID indicating that the network controller is a configured
network controller, the **portable** computing unit being a non-configured
device not part of the network, the method comprising: connecting the
portable computing unit to a first port of **a** first network controller of
the network controllers, the first configured network controller configured
on the system at **a** first location defined by the subset indicative of the
communication link and a first local address indicative of the first
network controller; assigning a first network address to the **portable**
computing unit, the first network address including the subset, the first
local address and a first drop identifier indicative of the first drop port
of **the** first network controller; transmitting a request for data received
at an equipment interface of a second network controller located at a
second network address from the **portable** computing unit to the second
network controller, the request including the second network address as a
destination indicator and the first network address as a **source**
indicator; transmitting the data from the second network controller to the
portable computing unit in response to the request for data, the data
including the second network address as the source indicator and the first
network address **as** the destination indicator; receiving the data from the
second network controller at the processor of...

...the subset and local address of the first network address; transmitting
the data to the **portable** computing unit through the first drop port
specified by the first drop identifier portion of the first network
address.

A ...A facilities management system configured to allow access to the
system by a non-configured **portable** computing unit, the facilities
management system including a plurality of network controllers arranged to
control...

...as at least one network and being interconnected by at least one
communication link, each **of** the network controllers including an
equipment interface for receiving data related to the process, and...
...first configured network controller including a first processor having a
first port for receiving the **portable** computing unit, the first
configured network controller configured on the system at a first location
...

23/AN,AZ,TI/1   (Item 1 from file: 350)

0017011911
**Master table data accessing method for e.g. enterprise application server,
involves providing master table having principal elements and cumulative
element, and populating cumulative child table with all items**

Original Titles:
System and method for implementing accumulative rows within master tables
Local Applications (No Type Date): US 2006395679 A 20060330
Priority Applications (no., kind, date): US 2006395679 A 20060330

 23/AN,AZ,TI/2   (Item 2 from file: 350)

0016669821
**Microprocessor for atomically updating privileged architecture registers,
has coprocessor having control register storing bit mask used to atomically
set or clear, and to modify bit fields atomically by privileged
instructions**

Original Titles:
Atomic update of CPO state
Local Applications (No Type Date): US 2001921400 A 20010802
Priority Applications (no., kind, date): US 2001921400 A 20010802

 23/AN,AZ,TI/3   (Item 3 from file: 350)

0015575040
**Method for accessing indirect memory in flash memory card involves, using
native application program interface to mask memory access, Java fields as
indirect memory elements or Java arrays as indirect memory elements**

Original Titles:
JSM-Architektur und Systeme
JSM architecture and systems
Architecture et systemes JSM
Method and system for dynamic address translation
Method and system to emulate an M-bit instruction set
Method and system for making a java system call
Method and system provide concurrent access to a software object
Method and system for shared object data member zones
Method and system for multiple object representation
Emulating a direct memory access controller
 Interrupt management in dual core processors
Memory usable in cache mode or scratch pad mode to reduce the frequency of
memory accesses
Cache memory usable as scratch pad storage
Context save and restore with a stack-based memory structure
Method and system for accessing indirect memories
Storing contexts for thread switching
Automatic operand load and store
Method and system of informing a micro-sequence of operand width
Splitting execution of instructions between hardware and software
Optimizing data manipulation in media processing applications
Compare instruction
Memory access instruction with optional error check
Pack instruction
Unpack instruction
Automatic operand load, modify and store
Method and system to **disable** the "wide" prefix
Method and system of using a "WIDE" opcode other than prefix
Compare instruction
Method and system to construct a data-flow analyzer for a bytecode verfier
Identifying code for compilation
Delegating tasks between multiple processor cores
Removing local RAM size limitations when executing software code

Method and system for managing virtual memory
Method and system for implementing **interrupt** service routines
Method and system for implementing an **interrupt** handler
Method and system for thread abstraction
Method and system of control flow graph construction
Method and apparatus for code optimization
Method and system of adaptive dynamic compiler resolution
Method and related system of dynamic compiler resolution
OPERAND WIDTH INDICATION FOR MICRO-SEQUENCE PROCESSING
INDICATION DE LARGEUR D'OPERANDE POUR TRAITEMENT DE MICROSEQUENCES
Local Applications (No Type Date): EP 2004291918 A 20040727; US
    2005186062 A 20050721; US 2005188310 A 20050725; US 2005189245 A
    20050726; US 2005186063 A 20050721; US 2005187199 A 20050722; US
    2005188550 A 20050725; US 2005188667 A 20050725; US 2005188923 A
    20050725; US 2005188491 A 20050725; US 2005188668 A 20050725; US
    2005188411 A 20050725; US 2005186271 A 20050721; US 2005186315 A
    20050721; US 2005188827 A 20050725; US 2005135796 A 20050524; US
    2005186239 A 20050721; US 2005186330 A 20050721; US 2005116522 A
    20050428; US 2005116893 A 20050428; US 2005116897 A 20050428; US
    2005116918 A 20050428; US 2005188311 A 20050725; US 2005188336 A
    20050725; US 2005188503 A 20050725; US 2005188592 A 20050725; US
    2005188502 A 20050725; US 2005188504 A 20050725; US 2005188309 A
    20050725; US 2005186036 A 20050721; US 2005188551 A 20050725; US
    2005188670 A 20050725; US 2005189422 A 20050726; US 2005189637 A
    20050726; US 2005189367 A 20050726; US 2005189211 A 20050726; US
    2005189410 A 20050726; US 2005189411 A 20050726; WO 2006US20162 A
    20060524; US 2005188668 A 20050725
Priority Applications (no., kind, date): EP 2004291918 A 20040727; US
    2005135796 A 20050524; US 2005188668 A 20050725; WO 2006US20162 A
    20060524

23/AN,AZ,TI/4   (Item 4 from file: 350)

0015513090
**Webpage creation method for website design, involves forming and selecting
webpage address to display user selection data on webpage, from database
and form which reads configuration/reconfiguration document from database**

Original Titles:
Interactive website configuration, display and management application
Local Applications (No Type Date): US 2004698997 A 20040628
Priority Applications (no., kind, date): US 2004698997 A 20040628

23/AN,AZ,TI/5   (Item 5 from file: 350)

0015073872
**Image data compression method in personal computer, involves generating
compressed image defining triangles defined in image pixel grid and actual
and predicted pixel component** values   within **triangles**

Original Titles:
Lossy method for compressing pictures and video
Local Applications (No Type Date): US 2000718879 A 20001120
Priority Applications (no., kind, date): US 2000718879 A 20001120

23/AN,AZ,TI/6   (Item 6 from file: 350)

0013938925
**Modular operating topology element for use with e.g. personal computer,
manages RAM space as workspace memory and virtual mass storage control
portion presented to host external bus, under** interrupt **driven
multiprogramming**

Original Titles:

Ultra-modular processor in lattice topology
Ultra-modular processor in lattice topology
Local Applications (No Type Date): US 200287350 A 20020301; US 2002224920
  A 20020821; US 2002224920 A 20020821
Priority Applications (no., kind, date): US 200287350   A 20020301; US
  2002224920 A 20020821

23/AN,AZ,TI/7   (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0013918598
**Integrated circuit designing method involves deriving indications of timing
properties, based on monitored user interaction during functional design
process**

Original Titles:
Timing abstraction and partitioning strategy
Timing abstraction and partitioning strategy
Local Applications (No Type Date): US 2002186263 A 20020627; US
  2002186263 A 20020627
Priority Applications (no., kind, date): US 2002186263 A 20020627

23/AN,AZ,TI/8   (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0013748294
**Reduced instruction set computing system operating method involves
performing data access from low-level code to address specified as negative
offset from zero value stored in register**

Original Titles:
A computer system method and program product for performing a data access
from low-level code
Computer system, method, and program product for performing a data access
from low-level code
Computer system, method, and program product for performing a data access
from low-level code
Local Applications (No Type Date): GB 200210661 A 20020509; US 2003395441
  A 20030324; US 2003395441 A 20030324
Priority Applications (no., kind, date): GB 200210661 A 20020509

23/AN,AZ,TI/9   (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0013703763
**Method for providing derivative of web document accessed through e.g.
Internet, involves parsing guidance including mark- up language statements
to produce derivative content**

Original Titles:
System and method for transcoding information for an audio or limited
display user interface
Local Applications (No Type Date): US 2000574990 A 20000519; US
  2000706898 A 20001106; US 2001891443 A 20010626
Priority Applications (no., kind, date): US 2000574990 A 20000519; US
  2000706898 A 20001106; US 2001891443 A 20010626

23/AN,AZ,TI/10   (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0013384663
**Hierarchic file system for limited resource digital computer system, has
directories and files defining double-linked set of objects, each being
forward and backward linked to another object**

Original Titles:
 HIERARCHICAL FILE SYSTEM OF COMPUTER AND COMPUTER SYSTEM HAVING LIMITED
RESOURCE, AND ANTI-TEARING ALGORITHM
 Hierarchical file system and anti-tearing algorithm for a
limited-resource computer such as a smart card
 Hierarchical file system and anti-tearing algorithm for a
limited-resource computer such as a smart card
Local Applications (No Type Date): JP 2002270274 A 20020917; US
   2001322801 P 20010917; US 2002241746 A 20020911; US 2001322801 P
   20010917; US 2002241746 A 20020911
Priority Applications (no., kind, date): US 2001322801 P 20010917; US
   2002241746 A 20020911

 23/AN,AZ,TI/11   (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0013191873
Modular operating topology element for compact flash, has CPU that manages
RAM space according to interrupt **driven multiprogramming**

Original Titles:
Ultra-modular processor in lattice topology
Local Applications (No Type Date): US 2001277745 P 20010322; US 200287350
   A 20020301
Priority Applications (no., kind, date): US 2001277745 P 20010322; US
   200287350 A 20020301

 23/AN,AZ,TI/12   (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0010908930
Apparatus for scalable array processor interrupt **detection and response**
by supplying interrupt **interface signals to processing elements to**
support independent operations in them

Original Titles:
Methods and apparatus for scalable array processor **interrupt** detection
and response
Methods and apparatus for scalable array processor **interrupt** detection
and response
Methods and apparatus for scalable array processor **interrupt** detection
and response
METHODS AND APPARATUS FOR SCALABLE ARRAY PROCESSOR **INTERRUPT** DETECTION
AND RESPONSE
PROCEDES ET DISPOSITIF DE REACTION ET DE DETECTION D' **INTERRUPTION** D'UN
PROCESSEUR DANS UN GROUPEMENT ECHELONNABLE
Local Applications (No Type Date): WO 2001US6058 A 20010223; US
   2000184529 P 20000224; US 2001791256 A 20010223; US 2000184529 P
   20000224; US 2001791256 A 20010223; US 2000184529 P 20000224; US
   2001791256 A 20010223; US 2004931751 A 20040901
Priority Applications (no., kind, date): US 2000184529 P 20000224; US
   2001791256 A 20010223; US 2004931751 A 20040901

 23/AN,AZ,TI/13   (Item 13 from file: 350)
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0010391499
Inkjet printhead for inkjet printers has a series of nozzles for the
ejection of ink, each nozzle having a rim formed by the deposition of a rim
material layer over a sacrificial layer and subsequent planar removal of
the rim layer

Original Titles:
VERBESSERUNGEN AN TINTENSTRAHLDRUCKERN
IMPROVEMENTS RELATING TO INKJET PRINTERS
AMELIORATION D'IMPRIMANTES A JET D'ENCRE
VERFAHREN ZUR HERSTELLUNG EINER DUSE FUR EINEN TINTENSTRAHLDRUCKKOPF

20010928; US 2003713059 A 20031117; US 2004884888 A 20040706; US
2005165302 A 20050624; US 2006455132 A 20060619; US 1999425418 A
19991019; US 2001966289 A 20010928; US 2003713073 A 20031117; US
2004923047 A 20040823; US 2005165062 A 20050624; US 2007706310 A
20070215; US 1999425191 A 19991019; US 2001942604 A 20010831; US
2002291472 A 20021112; US 2003666265 A 20030922; US 2004841502 A
20040510; US 200571474 A 20050304; US 2007706294 A 20070215; EP
1999970634 A 19991015; WO 1999AU894 A 19991015; US 1999422893 A
19991019; US 2003642337 A 20030818; US 20046733 A 20041208; US
2007706323 A 20070215; WO 1999AU894 A 19991015; US 2001835711 A
20010416; US 2001807297 A 20010813; US 2005144778 A 20050606; US
2007735961 A 20070416; WO 1999AU894 A 19991015; US 2001835471 A
20010416; US 2001807297 A 20010813; US 20043423 A 20041206; US
2005315357 A 20051223; US 2006540566 A 20061002; US 2007730784 A
20070404; WO 1999AU894 A 19991015; US 2001807297 A 20010813; US
2005144844 A 20050606; US 2007696144 A 20070403; US 1999425420 A
19991019; US 2003636208 A 20030808; US 2005111813 A 20050422; US
2006472405 A 20060622; US 2007739080 A 20070423; US 1999425191 A
19991019; US 2001942604 A 20010831; US 2002291472 A 20021112; US
2003666265 A 20030922; US 2004841536 A 20040510; US 2005102857 A
20050411; US 2005273269 A 20051028; US 2006450448 A 20060612; US
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A
20021112; US 2003666265 A 20030922; US 2004841505 A 20040510; US
200572515 A 20050307; US 2005225171 A 20050914; DE 69936660 A
19991015; EP 1999970634 A 19991015; WO 1999AU894 A 19991015; US
1999425418 A 19991019; US 2001966289 A 20010928; US 2003713059 A
20031117; US 2004884888 A 20040706; US 2005165302 A 20050624; US
2006455132 A 20060619; US 2007748490 A 20070515; WO 1999AU894 A
19991015; US 2001835702 A 20010416; US 2001807297 A 20010813; US
2003728944 A 20031208; US 2006442133 A 20060530; WO 1999AU894 A
19991015; US 2001807297 A 20010813; US 2005144844 A 20050606; US
2007743659 A 20070502; WO 1999AU894 A 19991015; US 2001807297 A
20010813; US 2005144844 A 20050606; US 2007752900 A 20070523; WO
1999AU894 A 19991015; US 2001807297 A 20010813; US 2005144844 A
20050606; US 2007743661 A 20070502; US 1999425191 A 19991019; US
2001942604 A 20010831; US 2002291472 A 20021112; US 2003666265 A
20030922; US 2004841502 A 20040510; US 200571474 A 20050304; US
2007706294 A 20070215; US 1999425418 A 19991019; US 2001966289 A
20010928; US 2004791793 A 20040304; US 200533122 A 20050112; US
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A
20021112; US 2003666265 A 20030922; US 2004841536 A 20040510; US
2005102857 A 20050411; US 2005273269 A 20051028; US 2006450448 A
20060612; US 2007779847 A 20070718; US 1999425191 A 19991019; US
2001942604 A 20010831; US 2002291472 A 20021112; US 2003666265 A
20030922; US 2004791900 A 20040304; US 2005206920 A 20050819; US
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A
20021112; US 2003666265 A 20030922; US 2004841505 A 20040510; US
200572515 A 20050307; US 2005225171 A 20050914; US 2007829940 A
20070729
Priority Applications (no., kind, date): AU 19987022 A 19980909; AU
19987023 A 19980909; AU 19987022 A 19980911; AU 19986534 A 19981016
; AU 19986535 A 19981016; AU 19986536 A 19981016; AU 19986537 A
19981016; AU 19986538 A 19981016; AU 19986539 A 19981016; AU 19986540
A 19981016; AU 19986541 A 19981016; AU 19986542 A 19981016; AU
19986543 A 19981016; AU 19986544 A 19981016; AU 19986545 A 19981016
; AU 19987022 A 19981016; AU 19987023 A 19981016; AU 19987022 A
19981109; AU 19987023 A 19981109; US 2001835449 A 20010416; US
2001835472 A 20010416; US 2001835702 A 20010416; US 2001835711 A
20010416; US 2002273840 A 20021021; US 2002273842 A 20021021; US
2003642234 A 20030818; US 2003642337 A 20030818; US 2003685440 A
20031016; US 2003685500 A 20031016; US 2003728944 A 20031208; US
2003729081 A 20031208; US 2005225171 A 20050914

23/AN,AZ,TI/14   **(Item 14 from file: 350)**

0010082487
**Network based data routing method, receiving first portion of frame within
FIFO receive memory of networked device with portion of received frame
includes data having preselected address fields**

Original Titles:

Verfahren und System zur Weglenkung von Netzbasierten Daten unter
Verwendung von Rahmenadressemeldung
Method and system of routing network-based data using frame address
notification
Procede et systeme d'acheminement de donnees de reseau en utilisant
notification de l'adresse de la trame
ROUTING METHOD AND SYSTEM FOR DATA BASED ON NETWORK USING FRAME ADDRESS
NOTIFICATION
Method and system of routing network-based data using frame address
notification
Method and system for routing network-based data using frame address
notification
Local Applications (No Type Date): EP 1999307622 A 19990928; JP
  1999278044 A 19990930; US 1998163925 A 19980930; US 1998163925 A
  19980930; US 2006386323 A 20060322
Priority Applications (no., kind, date): US 1998163925 A 19980930; US
  2006386323 A 20060322

23/AN,AZ,TI/15   **(Item 15 from file: 350)**
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0009706375
**Detection of properties associated with molecular binding layer coupled to
surface of signal path**

Original Titles:
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKAAL-BINDUNGSREAKTIONEN
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKULARBINDUNGSREAKTIONEN
METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS
PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKUL-BINDUNGSREAKTIONEN
METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS
PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE
METHOD AND DEVICE FOR DETECTING MOLECULAR BINDING EVENT
Method for detecting and classifying nucleic acid hybridization
RESONANT BIO-ASSAY DEVICE AND TEST SYSTEM FOR DETECTING MOLECULAR BINDING
EVENTS
Methods for analyzing protein binding events
SWITCHABLE BIO-ASSAY DEVICE
Coplanar waveguide biosensor for detecting molecular or cellular events
Test systems and sensors for detecting molecular binding events
Coplanar waveguide biosensor for detecting molecular or cellular events
Method for detecting and classifying nucleic acid hybridization.
Methods for analyzing protein binding events.
Method and apparatus for detecting molecular binding events.
Method for detecting and classifying nucleic acid hybridization.
Bio-assay device and test system for detecting molecular binding events.
Resonant bio-assay device and test system for detecting molecular binding
events.
Methods for analyzing protein binding events
METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS
PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE
Local Applications (No Type Date): WO 1999US2147 A 19990201; AU 199924906
  A 19990201; WO 1999US2147 A 19990201; GB 199923039 A 19990929; EP
  1999904525 A 19990201; WO 1999US2147 A 19990201; WO 1999US2147 A
  19990201; NO 20003911 A 20000801; WO 1999US2147 A 19990201; GB
  199923039 A 19990929; CN 1999803583 A 19990201; US 199873445 P
  19980202; US 1999243194 A 19990201; US 1999134740 P 19990518; US
  1999365581 A 19990802; US 199873445 P 19980202; US 1999243194 A
  19990201; US 1999134740 P 19990518; US 1999365580 A 19990802; KR
  2000708428 A 20000802; US 199873445 P 19980202; US 1999243194 A
  19990201; US 1999134740 P 19990518; US 1999365581 A 19990802; US
  2001839860 A 20010419; US 199873445 P 19980202; US 1999243194 A
  19990201; US 1999365578 A 19990802; US 199873445 P 19980202; US
  1999243194 A 19990201; US 1999134740 P 19990518; US 1999365581 A
  19990802; US 2001839860 A 20010419; US 199873445 P 19980202; US
  1999243194 A 19990201; US 1999243196 A 19990201; US 1999365578 A
  19990802; US 2000480846 A 20000110; WO 1999US2147 A 19990201; JP
  2000529595 A 19990201; US 199873445 P 19980202; US 1999243194 A
  19990201; US 1999134740 P 19990518; US 1999365580 A 19990802; US
  2001923474 A 20010806; US 199873445 P 19980202; US 1999243194 A
  19990201; US 199873445 P 19980202; US 1999243194 A 19990201; US

1999243196 A 19990201; US 1999365578 A 19990802; US 2000480846 A
20000110; AU 199924906 A 19990201; US 199873445 P 19980202; US
1999243194 A 19990201; US 1999134740 P 19990518; US 1999365978 A
19990802; MX 20007552 A 20000801; US 199873445 P 19980202; US
1999243194 A 19990201; US 1999365978 A 19990802; US 2001929521 A
20010813; US 199873445 P 19980202; US 1999243194 A 19990201; US
1999365978 A 19990802; US 2002238284 A 20020910; US 199873445 P
19980202; US 1999243194 A 19990201; US 1999365978 A 19990802; US
2001929521 A 20010813; US 2002226794 A 20020823; US 199873445 P
19980202; US 1999243194 A 19990201; US 1999134740 P 19990518; US
1999365580 A 19990802; US 2001923474 A 20010806; EP 1999904525 A
19990201; WO 1999US2147 A 19990201; DE 69918389 A 19990201; EP
1999904525 A 19990201; WO 1999US2147 A 19990201; DE 69918389 A
19990201; EP 1999904525 A 19990201; WO 1999US2147 A 19990201; JP
2000529595 A 19990201; JP 2005162003 A 20050601; US 199873445 P
19980202; US 1999243194 A 19990201; US 1999365978 A 19990802; US
2001929521 A 20010813; US 2002226794 A 20020823
Priority Applications (no., kind, date): US 199873445   P 19980202; US
1999243194 A 19990201; US 1999243196 A 19990201; US 1999134740 P
19990518; US 1999365578 A 19990802; US 1999365580 A 19990802; US
1999365581 A 19990802; US 1999365978 A 19990802; US 2000480846 A
20000110; US 2001839860 A 20010419; US 2001923474 A 20010806; US
2001929521 A 20010813; US 2002226794 A 20020823; US 2002238284 A
20020910

23/AN,AZ,TI/16   (Item 16 from file: 350)

0009444884
Hierarchical **encapsulated system in multimedia applications, world wide
web**

Original Titles:
 Hierarchical encapsulation of instantiated objects in a multimedia
authoring system including internet accessible objects.
Local Applications (No Type Date): US 1995415848 A 19950403; US
1996720660 A 19961002
Priority Applications (no., kind, date): US 1995415848 A 19950403; US
1996720660 A 19961002

23/AN,AZ,TI/17   (Item 17 from file: 350)

0005642920
**Net-worked facilities management system - determines and extracts
attributes of software object needed to preform high level functions of
features requesting data**

Original Titles:
VERNETZTES BETRIEBSMITTELVERWALTUNGSSYSTEM
NETWORKED FACILITIES MANAGEMENT SYSTEM
SYSTEME DE GESTION D'UNITES INTERCONNECTEES EN RESEAU
VERNETZTES BETRIEBSMITTELVERWALTUNGSSYSTEM
NETWORKED FACILITIES MANAGEMENT SYSTEM
SYSTEME DE GESTION D'UNITES INTERCONNECTEES EN RESEAU
METHOD FOR ASSIGNING HIGH-RELIABILITY DATA TO PROCESS EXECUTED BY
PROCESSING MEANS IN NODE
SYNCHRONOUS METHOD FOR DATA BASE STORED IN STORAGE MEANS OF PLURAL NODES
Networked facilities management system with balanced differential analog
control outputs
Method of accessing configured nodes in a facilities
Method of downloading information stored in an arching device to
destination network controller through intermediate network controllers in
accordance with routing information
Networked facilities management system with time stamp comparison for data
base updates
Networked facilities management system
Networked facilities management system with optical coupling of local
network devices.
Networked facilities management system having a node configured with

distributed load management software to manipulate loads controlled by
other nodes.
Networked facilities management system with updated data based on aging
time.
Networked facilities management system.
NETWORKED FACILITIES MANAGEMENT SYSTEM
Local Applications (No Type Date): WO 1991US551 A 19910125; EP 1991904509
  A 19910125; WO 1991US551 A 19910125; JP 1991504862 A 19910125; WO
  1991US551 A 19910125; AU 199173304 A 19910125; WO 1991US551 A
  19910125; US 1990476031 A 19900130; US 1993175770 A 19931230; EP
  1991904509 A 19910125; WO 1991US551 A 19910125; DE 69108900 A
  19910125; EP 1991904509 A 19910125; WO 1991US551 A 19910125; JP
  1991504862 A 19910125; JP 1994291906 A 19910125; US 1990476031 A
  19900130; US 1994185674 A 19940121; US 1990476031 A 19900130; US
  1994191284 A 19940203; JP 1991504862 A 19910125; JP 1994291907 A
  19910125; US 1990476031 A 19900130; US 1993176730 A 19931230; US
  1990476031 A 19900130; US 1994185181 A 19940121; US 1990476031 A
  19900130; US 1994178970 A 19940107; US 1990476031 A 19900130; US
  1994179494 A 19940107; US 1990476031 A 19900130; US 1993170086 A
  19931217; CA 2075048 A 19910125; WO 1991US551 A 19910125; US
  1990476031 A 19900130; US 1993170086 A 19931217; US 1996706194 A
  19960830
Priority Applications (no., kind, date): US 1996706194 A 19960830; US
  1994191284 A 19940203; US 1994185674 A 19940121; US 1994185181 A
  19940121; US 1994179494 A 19940107; US 1994178970 A 19940107; US
  1993176730 A 19931230; US 1993175770 A 19931230; US 1993170086 A
  19931217; US 1990476031 A 19900130

23/AN,AZ,TI/18   (Item 18 from file: 350)
DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0005195475
**Digital signal processor for arithmetic processing - using minimum
distortion register and position register to reduce number of distortion
calculations**

Original Titles:
Prozessor fuer ein numerisches Signal
Digital signal processor
Processeur de signal numerique
Prozessor fuer ein numerisches Signal
Digital signal processor
Processeur de signal numerique
DIGITAL SIGNAL PROCESSING PROCESSOR
Digital signal processor matching data blocks against a reference block and
replacing the reference block when a new minimum distortion block is
calculated
Digital signal processor with multiway branching based on parallel
evaluation of N threshold values followed by sequential evaluation of M
Motion vector **calculation** method using sequential minimum distortion
calculations at different densities
Digital signal processor with high speed multiplier means for double data
input
Digital signal processor with direct data transfer from external memory
Local Applications (No Type Date): EP 1989113000 A 19890715; JP
  1988318941 A 19881216; JP 1988318942 A 19881216; JP 19891258 A
  19890109; JP 19896805 A 19890113; JP 19896806 A 19890113; JP 19899003
  A 19890118; JP 1988318941 A 19881216; JP 1988318942 A 19881216; JP
  19891258 A 19890109; JP 19896805 A 19890113; JP 19896806 A 19890113
  ; JP 19899003 A 19890118; US 1989379274 A 19890713; CA 605490 A
  19890712; EP 1989113000 A 19890715; KR 198917852 A 19891204; US
  1989379274 A 19890713; US 1992907118 A 19920701; US 1993140989 A
  19931025; US 1989379274 A 19890713; US 1992907250 A 19920701; US
  1993103175 A 19930806; US 1989379274 A 19890713; US 1992907233 A
  19920701; US 1989379274 A 19890713; US 1992907246 A 19920701; US
  1993128257 A 19930928; EP 1989113000 A 19890715; DE 68927798 A
  19890715; EP 1989113000 A 19890715
Priority Applications (no., kind, date): JP 1988318941 A 19881216; JP
  1988318942 A 19881216; JP 19891258 A 19890109; JP 19896805 A
  19890113; JP 19896806 A 19890113; JP 19899003 A 19890118

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? show files;ds
File 348:EUROPEAN PATENTS 1978-2007/ 200751
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120
        (c) 2007 WIPO/Thomson


Set     Items    Description
S1      207310   OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S2      207310   OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S3       42860   SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-
                 F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-
                 ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-
                 ON OR PROJECTION OR PROJECTIONS
S4       76088   FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW -
                 OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-
                 ESTMENT OR ESTATE OR INSURANCE
S5       66024   DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR
                 DISENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING -
                 OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6       83350   OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-
                 ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7      180115   DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-
                 LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR -
                 FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR
                 VALUES OR OFFSETS OR LINKS
S8      167344   BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-
                 UBSUMED OR SUBCLASS?? OR WITHIN
S9      158978   RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -
                 OR COMPUTE OR COMPUTING OR FIGUR???
S10        640   S3(5N)S4
S11        444   S5(5N)S6
S12      53060   S7(5N)S8
S13          1   S9(10N)S11(10N)S12
S14          0   S2(S)S10(S)S13
S15          3   S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9
S16         22   S3(S)(S5(10N)S6)(S)(S7(10N)S8)(S)S9
S17         25   S15 OR S16
S18         25   IDPAT (sorted in duplicate/non-duplicate order)
S19         25   IDPAT (primary/non-duplicate records only)
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DIALOG(R)File 349:PCT FULLTEXT

01537571
GENIUS ADAPTIVE DESIGN
MODELE D'ADAPTATION AU GENIE
Patent Applicant/Inventor:
  CABINALLA Linda, 1145 Delaware St, Fairfield, CA 94533, US, US
    (Residence), US (Nationality), (Designated for all)
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200781519 A2 20070719 (WO 0781519)
  Application: WO 2006US48704 20061219 (PCT/WO US2006048704)
  Priority Application: US 2005755291 20051230; US 2006756607 20060105; US
    2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US
    2006852794 20061018
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN
  KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI
  NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT
  TZ UA UG US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 520275

DIALOG(R)File 349:PCT FULLTEXT

01359286   **Image available**
METHOD OF ANALYSING DATA
PROCEDE D'ANALYSE DE DONNEES
Patent Applicant/Assignee:
  iPOM PTY LTD, of Curtin University of Technology, Level 1, Building 100,
    Kent Street, Bentley, W.A. 6102, AU, AU (Residence), AU (Nationality),
    (For all designated states except: US)
Patent Applicant/Inventor:
  GREENHILL Stewart Ellis Smith, 77A Hines Road, Hilton, W.A. 6163, AU, AU
    (Residence), AU (Nationality), (Designated only for: US)
  VENKATESH Svetha, 9 Blakers Ridge, Winthrop, W.A. 6150, AU, AU
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  LEE Peter Leslie, 3 Timbrell Way, Leeming, W.A. 6149, AU, AU (Residence),
    AU (Nationality), (Designated only for: US)
  WEST Geoffrey Alec William, 19 Urch Road, Kalamunda, W.A. 6076, AU, AU
    (Residence), AU (Nationality), (Designated only for: US)
  LAM Chiou Peng, 60 Gillon Street, Karawara, W.A. 6152, AU, AU (Residence)
    , AU (Nationality), (Designated only for: US)
Legal Representative:
  GRIFFITH HACK (agent), Level 19, 109 St Georges Terrace, Perth, W.A. 6000
    , AU
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200639760 A1 20060420 (WO 0639760)
  Application: WO 2005AU1595 20051014 (PCT/WO AU2005001595)
  Priority Application: AU 2004905955 20041015
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Fulltext Availability:
  Claims

Claim
... 14 is imported into the process database

  20 certain statistics of the data 14 are **calculated** and
  stored in the process database 20 with the data stream.
  These include: mean, standard...

...a histogram using a
  pre-set number of frequency bins). This information is
  used during **visualisation** to provide an appropriate
  scaling for display. The frequency distribution is also
  used for display...

...of compression exist including
  boxcar, backward slope, and straight line interpolation
  methods. These techniques are **lossy** (ie. they discard
  information) so the reconstructed data may be inaccurate
  in ways that could...

...stream because
  this is an important indicator of variability. This makes
  it possible to pre- **compute** a representation of each signal
  at a number of pre-defined time scales (eg. I...

...compression techniques. The OPCHDA protocols allow clients to retrieve
  the stored data.
  This includes:
   Time
    Value
   Quality
  Process data 14 may be imported directly from OPC-HDA
  servers.
  One problem with...

...alarm
  stopped. Other events indicate how the operators respond
  to the alarms. For example, Enable, **Disable** , and
  Acknowledge. Other kinds of operator actions may also be
  - 16
  recorded. For example, changes to operating set points,
  and operating modes.
  Typically, event streams are used for **visualisation** or
  5 alarm analysis. However, for **visualisation** it is important
  that the event data be efficiently accessible so the
   visualisation tools generally require that a fast binary
  representation to be used.
  The Event Database 22...

...defined by the following attributes:
   Time. 0 Tag.
   Event Type (alarm, return, acknowledge, operator

...uses the regions defined by the
annotations to project the tag grouping or crosscorrelation data.
   Figure 4 shows an annotated process diagram. The tag group
in the previous example has been...

...a red square. This
example illustrates one of the applications of meta-data
to the **visualisation** of a process operation.
Operations available to the user include:
0 Zoom in and out....

...currently selected group. - 36
   Change the display mode to show tag group, or
similarity (see **below**).
   Change the time lag for correlation, possibly causing
the tag groupings to change.
5 The...

...or the
selection can be synchronised with the variables in the
currently selected tag group.
   Figure 6 shows the **values** of process and alarm variables
that are members of a group of variables. Visually, the
user can confirm the basis for the grouping of variables,
and use features of the **visualisation** system to
investigate events in the data. This **figure** shows about 2
million process data points.
Operations available to the user include:
- 37
   Rearrange...

19/3,K/15   **(Item 15 from file: 349)**

00814140
A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL
Patent Applicant/Assignee:
   ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
      (Residence), US (Nationality)
Inventor(s):
   LEONG Cheah Wee, 16 Jalan BK4/6E, Bandar Kinrara, Puchong, 58200,
      Selangor, MY,
   NG William, 101 Whampoa Drive #15-176, Singapore, SG,
Legal Representative:
   HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
      2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200146846 A2 20010628 (WO 0146846)
   Application: WO 2000US35429 20001222 (PCT/WO US0035429)
   Priority Application: US 99470030 19991222; US 99470041 19991222; US
      99470044 19991222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
   AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
   HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
   NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

Detailed Description
... each other. Encapsulation protects the data in an object from
accidental damage, but allows other **objects** to interact with that data
by calling the object's member functions and structures.

Subelassing...the terms, and a 2S third section indicating falfillinent
of the terms by the seller.
  Figure 29 illustrates a Document Page 2900 of an electronic document
creator. The Electronic Document Creator **Figure** 30 depicts an
electronic Documents Checklist 3000. The Docuinent Checklist is an online
document checking...

...discrepancies are found. The buyer will sip on the checklist once all
documents are checked.

  Figure 31 illustrates a VTrade compliance engine 3100. The compliance
engine has a fullyautomated compliance checking...

...and seller, who will renegotiate on the highlighted
discrepancies on VTrade Web's electronic platform
  Figure 32 illustrates a first option of documentary compliance in a
VTrade system. Here, only VTrade...

...the electronic documents. (Assume only Combined Purchase Order Profornia
Invoice and transportation documents require checking.) **Figure** 33
illustrates a second option of documentary compliance in which the Bank
3300 checks physical documents while VTrade 3302.checks electronic
documents. **Figure** 34 illustrates a third option of documentary
compliance in which the buyer 3400 checks physical documents while VTrade
3402 checks electronic documents. **Figure** 35 illustrates a general
architecture of the VTrade system, includinR a buyer station 3500, a
seller station 3502, a processing hub 3504, and a credit provider system
3506. **Figure** 36 illustrates an exemplary technical framework for a
VTrade system. As shown, the VTrade enterprise...buyers and sellers are
located. The enterprise is also connected to the payment system 3604.

  Figure 37 illustrates several potential security threats, including
viruses 3700, and internal attacks 3702. **Figure** 38 illustrates security
features which may be used with the technical framework of the VTrade
system. Such features include encryption 3800, authentication 3802, and
firewalls 3804. **Figure** 39 illustrates several security principles 3900
and the services 3902, 3904, 3906 which provide them...

...some group of recognized rules, preferably rules that are I 0
enforceable in foreign countries. **Figure** 40 illustrates an embodiment
of the present invention in which VTrade operates under applicable Visa
...

...4000,4002, with an avenue for dispute resolution via the ICC
international court for arbitration.
  Figure 41 illustrates a legal framework 4100 when the rules are set by
the VTrade Enterprise...

...and seller. All legal contracts outside the VTrade rules should also be
established between parties.

  Figure 42 depicts the legal responsibilities of VTrade 4200 and the
Bank 4202. **Figure** 43 illustrates the legal responsibilities of the
buyer 4300 and seller 4302.

VTrade may provide...the Credit Provider will make payment to the
exporter and seek recourse from the importer.

Figures 44-52 depict an illustrative process flow for operation of the VTradc system with the...

...4400, buyer's bank 4402, VTrade 4404, seller's bank 4406, and a seller 4408. **Figure** 44 shows a process for credit application and access, which continues at A in **Figure** 45. **Figure** 46 depicts a process for initiation of bidding. **Figures** 47 and 48 illustrate a process for submission of a,VTrade POPI. **Figure** 49 depicts a process for negotiation and finalization of the POPI.
Figures 50 and 51 illustrate a process for facilitation of document checking during payment.

Figure 52 illustrates a process for account billing and VTrade account management.

As such, the embodiments...Force new business models on the Web
Examples
Aggregators
Auctions
o Exchanges
As shown in **Figure** 53, eMarketplaces can take three basic forms which intend to serve different market functions. These...

...together online to easily exchange value, provide content, and form a community. As shown in **Figure** 54, these three marketplaces may be brought together to create an eMarketplace 5400.

eMarketplaces can...counterparties
Clear and detailed rules and policies
Transactions initiated and consummated online
As shown in **Figure** 55, an cMarket 5500 is supported by a technical infrastructure 5502. To reach their potential...

...markets must offer key capabilities that span from "making the market" to supporting the infrastructure. **Figure** 56 is a table setting forth descriptions of elements of the infrastructure including software/solutions...

...of the infrastructure.

Several needs should be addressed in order to offer a complete eMarketplace. **Figure** 57 is a table setting forth a process to create solutions to specific needs during...

...contract trading are allowed in operation 5704. Finally, a settlement is managed in operation 5706.

Figure 58 illustrates another embodiment of the process for creating solutions to specific needs during a...of eEnabled financial services products in one or more of the five categories shown in **Figure** 59. These categories are.

reputation assessment 5900, financing 5902, risk management 5904, ePayments 5906, and information 5908.

Figure 60 illustrates a TradeDirect system 6000 in accordance with one embodiment of the present invention...

...facility, and information sources. TradeDirect automates research, contracting, and fulfillment in business to business eMarketplaces.

Figure 61 illustrates how TradeDirect may connect to outside firms to provide a wide breadth of services, such as those found in **Figure** 62. Referring to **Figure** 61, TradeDirect 6100 is connected to a plurality of eMarkets 6102, and may be connected...

...technology enabler 6108.

TradeDirect should offer products in one or more of the areas of **Figure** 62 to support business to business exchanges. The areas include: credit ratings and reporting 6200...

...comfort regarding the quality of their countcrparties before engaging in online business to business trades. **Figure** 63 illustrates a process 6300 for affording credit rating and reporting utilizing a network. In... charge
Pre-approved lines of credit and online decisioning will streamline financing and guarantee payment. **Figure** 64 is a flowchart of a process 6400 for approving a line of credit of...

19/3,K/17   (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

00790514   **Image available**
OBJECT FRAMEWORKS FOR REINSURANCE
CADRES ORIENTES OBJET POUR REASSURANCE
Patent Applicant/Assignee:
  COMPUTER SCIENCES CORPORATION, 9500 Arboretum Blvd., Austin, TX 78759, US
    , US (Residence), US (Nationality)
Inventor(s):
  WEBER Peter, Allambie Heights, 29B Inglebar Avenue, Sydney, NSW 2100, AU,

  SVERDRUP-THYGESON Harald, Henriks vei 5, N-0768 Oslo, NO,
  CLEMETSEN Tormod, Nilserukleiva 23, N-0874 Oslo, NO,
  EVENSHAUG Bjornar, Olaf Bulls vei 3A, N-0765 Oslo, NO,
Legal Representative:
  DELUCA Mark D (agent), Conley, Rose & Tayon, P.C., P.O. Box 398, Austin,
    TX 78767-0398, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200123999 A2 20010405 (WO 0123999)
  Application: WO 2000US26695 20000929   (PCT/WO US0026695)
  Priority Application: US 99157101 19990930; US 99157225 19990930; US
    99157223 19990930
Designated States:
(Protection type is "patent" unless otherwise stated – for applications
prior to 2004)
  NO
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 20462

Fulltext Availability:
  Claims

Claim
... of a contract and hide the multi-dimensional aspect of a contract from subsequent domain **modeling** . The multiple dimensions of a contract may include multiple reinsurance periods, multiple life cycle phases...

...contract conditions per section and per amendment, wherein the sections may be organized in a **hierarchy** . In one embodiment, a behavior framework may abstract and encapsulate business rules for managing the... classes included in the business process framework may include default implementations for hook methods which **subclasses** may override. In one embodiment, a developer may create a new business process component by...
...many classes that together make up a reinsurance software system may be arranged in a **hierarchy** . At the top of the **hierarchy** may sits the most general, abstract business process class. This class may be **subclassed** by one or more other classes, some of which may be abstract. Classes which are...

insured period. In one embodiment, when a condition, e.g., a premium condition, is...

...contracts, own retention, etc. In one embodiment, the reinsurance transaction processing software may include an **object - oriented** framework, the condition component framework. This framework, i.e., the condition component framework, may permit...other conditions for reinsurance contracts. In one embodiment, the components may be implemented as reusable **objects** . In one embodiment, the reinsurance framework 5010 may include one or more classes that represent...

...may be 5 connected to zero or more other sections in inherited or shared mode. **Inheritance** may be vertical or horizontal. Vertical **inheritance** means inheriting from a parent section. Horizontal **inheritance** means inheriting from the same section in another, linked reinsurance contract. An inheritable object may...

...may only be edited in the context of its owning section. Examples of shared inheritable **objects** include a condition object 572, a protection object 592, and a section classification object 582. **Figures** 8a through 8d - Illustrates One Embodiment of a Graphical User Interface for Processing a
Reinsurance...

...transaction may include, but not be limited to, submitting a quotation for a reinsurance policy, **calculating** a premium associated with a reinsurance policy, issuing a contract for a reinsurance policy, processing...

...insured period, i.e., a period representing the term of the reinsurance contract, contract conditions, **insurance** coverage, partners, amendments, premiums, etc. Each attribute may vary independently of the other attributes. Thus...

...life cycle phase, etc. In one embodiment, the reinsurance transaction processing software may include an **object - oriented** framework to process all reinsurance business transactions. In one embodiment, the graphical user interface software included in the reinsurance transaction processing software may use **objects** to manage various user interface functions. The **object - oriented** framework may include several classes of **objects** . In one embodiment, an entire reinsurance business transaction or a part thereof may be represented...

...as a keyboard 156 and a graphical user interface software to interact with the user. **Figures** 8a through 8d illustrate one embodiment of a display included in a graphical user interface or amend the contract, displays to **compute** premiums, time periods, etc. In one embodiment, a display may be defined as a display class and specific display **objects** may be created as **instances** of the display classes.
Display Layout
In one embodiment, a display or a window may...

...may also be accomplished by using special function keys on a keyboard 156, by a **top level** pull-down menu, etc. The navigational tool 802, in one embodiment, may include one or...

...may include up/down and/or left/right arrow buttons 802cb and an associated display **field** 802ca to assist the user in navigating through a section **hierarchy** . On selecting up/down and/or left/right arrow 802cb, the **value** displayed in the associated display **field** 802ca may change according to the user selection. If during the navigation process, the user has already reached at the top of a **hierarchy** then the tool panel 802c, which includes the up button 802cb, may be partially **disabled** or displayed in a lighter color. In one embodiment, the interface item or items may be provided to the user to navigate **within** a display, for example, to select various ranges for a variable displayed **within** a tool panel 802. Interface items may be items displayed

graphically on the

19/3,K/21   **(Item 21 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

00777046   **Image available**
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR NETWORK PERFORMANCE
    MODELING
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR LA MODELISATION DE
    PERFORMANCES BASEE SUR LE COMMERCE ELECTRONIQUE
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelley, LLP, 38th Floor,
    2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200110082 A2-A3 20010208 (WO 0110082)
  Application: WO 2000US20548 20000728 (PCT/WO US0020548)
  Priority Application: US 99364732 19990730
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
  HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 134154

Fulltext Availability:
  Claims

Claim
... Content Analyzer from Visual Studio. Only install Site Server on a
  NTFS Drive. 1 5 **Disable** or Remove all Anti Virus software during entire
  install process. Do not change ANY setting...or
  overridden. (This is not to say that all non-final classes or methods are
  subclassed or
  overridden.)
  Likewise, all variables (including function **parameters**) that can be
  final should be final. In the case of constants, this may allow...the
  stubs.
  'avaguid CodesTable
  CAFCTRetrieval.class CodesTableVAFCTRetrieval.class
  J
  Compile the Microsoft Visual J++ Project. **Figure** 68 shows a Visual J++
  Build Envirom-nent 6800. To begin a build, the Build...

...help on how to attach to a process refer to the Microsoft Visual J++
  help. **Figure** 69 shows an interface 6900 for attaching to the NITS
  Process for debugging. Processes
  6902...

...For more information regarding debugging Active Server Pages, refer to
  the Visual Studio online help. **Figure** 70 shows an interface 7000 for
  debugging an Active Server Page (example global.asa file...

```
...System.out.println (" Done OK.
connection.close(;
```
Code Generation using Rational Rose
The Rational Rose **modeling** tool allows developers to define and communicate software
architecture, resulting in:
Accelerated development, by improved...

...Class files and within these files 'avadoc
J
comments are generated along with rose comments. **Figure** 71 illustrates an exemplary frame 7100 of Rose generated java file and javadoc comments 7102...Type 8410 and Originator 8412 from the list boxes. Enter a title for the issue **within** the Summary entry **field** 8414. Enter a detailed description of the problem **within** the Description entry **field** 8416. Select the Close button 8418 to return to the main window.
Reviewing and Modifying...

...the main window, select the View button 8334 of the Main Window 8330 shown in **Figure** This may display a window similar to the New Issue screen, however it is possible...

...Issues using the Record control 8500 located in the lower left portion of the window. **Figure** 85 illustrates this Modify Issue Screen 8502.
376
To search for a specific Issue, click...
...s responsibility to review and assign Issues to individual developers. To do this, simply type **within** the desired **fields** or select the appropriate options from the list boxes. Pressing the Close button or advancing...

...the main window, select the Report button 8336 of the Main Window 8330 shown in **Figure** 83 This may display the Report Selection Screen. **Figure** 86 illustrates the Report Selection Screen 8600. Select the appropriate criteria for the desired reports...

...Print button 8604. To return to the main window select the Close button 8606.
PERFORMANCE **MODELING**
 Figure 87 illustrates a method 8700 for network performance **modeling** . Factors that influence a performance of a network are first identified in operation 8702. In...

...factors. Operation of the network is simulated with the model in operation 8706 with the **simulation** being carried out using expected future loads. The network is then designed in operation 8708 based on results of the **simulation** in order to accommodate the expected future loads on the network. The factors may include...
...The following material provides a more detailed description of the abovedescribed method. The ReTA Performance **Modeling** portion of the present description outlines the evaluation 1 5 process and Analysis of a performance **modeling** infrastructure. It may discuss the selection approach, the product requirements, and the evaluation of the products, in order to obtain a final recommendation. **Figure** 87.1 illustrates the end to end process associated with Perforinance **Modeling** . Components include Performance **Modeling** Analysis 8730, Product Evaluation 8732, and Tool Recommendation 8734. Net-Centric and other advanced **computing** paradigms have brought about an entirely new generation of advanced business applications. These distributed applications place tremendous demands on the network. Corporate **computing** networks must endure the effects of increased usage, multiple protocols, heterogeneous networking hardware and software...complicated situation for approaching, understanding, predicting, and analysing network perforinance in network intensive applications and **computing** infrastructures. This portion of the present description may identify the elements of network performance management...

...activities. These activities cover stages in the planning, designing, monitoring, analyzing, and tuning of networks. **Figure** 88 illustrates the area 8800 of Effective Network Performance Management that occurs where the right...

  19/3,K/25   (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00340063   **Image available**
CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS
SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES
Patent Applicant/Assignee:
  INTERTECH VENTURES LTD,
  THALHAMMER-REYERO Cristina,
Inventor(s):
  THALHAMMER-REYERO Cristina,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9622575 A1 19960725
  Application: WO 96US883 19960117 (PCT/WO US9600883)
  Priority Application: US 95373688 19950117; US 95373992 19950117
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CA JP US US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 135683

Fulltext Availability:
  Detailed Description

Detailed Description
...   amount_ (1212) is a float simple attribute set be the modeler that
  represents the scaled **value** of the amount of units in the contained
  bioPcK-)I **under** normal or basal conditions, equivalent to a fraction of
  the maximum amount that this bioPool...

19/AN,AZ,TI/1   (Item 1 from file: 348)

02038564
Secure transaction management
Sicheres Transaktionsmanagement
Gestion de transactions securisees
APPLICATION (CC, No, Date):   EP 2005077923 960213;
PRIORITY (CC, No, Date): US 388107 950213

19/AN,AZ,TI/2   (Item 2 from file: 348)

01930027
Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees
APPLICATION (CC, No, Date):   EP 2005075672 960213;
PRIORITY (CC, No, Date): US 388107 950213

19/AN,AZ,TI/3   (Item 3 from file: 348)

00381486
GATED ARCHITECTURE FOR COMPUTER VISION MACHINE.
TORARCHITEKTUR FUR VISIONS-RECHNERMASCHINEN.
ARCHITECTURE A PORTES POUR MACHINE DE VISUALISATION D'ORDINATEUR.
APPLICATION (CC, No, Date):   EP 89900691 880906; WO 88US3081 880906
PRIORITY (CC, No, Date): US 113084 871023

19/AN,AZ,TI/4   (Item 4 from file: 348)

00306062
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme du traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200921 820521;
PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521
     810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421
     810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403
     810522; US 266408 810522; US 266401 810522; US 266524 810522

19/AN,AZ,TI/5   (Item 5 from file: 348)

00306058
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200917 820521;
PRIORITY (CC, No, Date): US 266404 810522

19/AN,AZ,TI/6   (Item 6 from file: 348)

00306057
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.

APPLICATION (CC, No, Date):   EP 88200916 820521;
PRIORITY (CC, No, Date): US 266401 810522

  19/AN,AZ,TI/7   (Item 7 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01537571
GENIUS ADAPTIVE DESIGN
MODELE D'ADAPTATION AU GENIE
  Application: WO 2006US48704 20061219   (PCT/WO US2006048704)

  19/AN,AZ,TI/8   (Item 8 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01359286
METHOD OF ANALYSING DATA
PROCEDE D'ANALYSE DE DONNEES
  Application: WO 2005AU1595 20051014   (PCT/WO AU2005001595)

  19/AN,AZ,TI/9   (Item 9 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01313061
METHOD FOR AT LEAST PARTIALLY COMPENSATING FOR ERRORS IN INK DOT PLACEMENT
    DUE TO ERRONEOUS ROTATIONAL DISPLACEMENT
PROCEDE POUR LA COMPENSATION AU MOINS PARTIELLE D'ERREURS DANS LE PLACEMENT
    POINTS D'ENCRE DUES A UN DEPLACEMENT ROTATIONNEL ERRONE
  Application: WO 2004AU706 20040527   (PCT/WO AU04000706)

  19/AN,AZ,TI/10   (Item 10 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01024634
SYSTEM AND METHOD FOR MULTIMEDIA AUTHORING AND PLAYBACK
SYSTEME ET PROCEDE DE CREATION DE DIDACTICIELS MULTIMEDIA ET DE LECTURE
  Application: WO 2002US40623 20021218   (PCT/WO US0240623)

  19/AN,AZ,TI/11   (Item 11 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01002473
METHOD AND APPARATUS FOR AN ASYNCHRONOUS PULSE LOGIC CIRCUIT
PROCEDE ET APPAREIL POUR CIRCUIT LOGIQUE PULSE ASYNCHRONE
  Application: WO 2002US32661 20021011   (PCT/WO US0232661)

  19/AN,AZ,TI/12   (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00909145
PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED
    DESPECKLING MECHANISMS PROVIDED THEREIN
SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME
    DE DECHATOIEMENT INTEGRE
  Application: · WO 2001US44011 20011121   (PCT/WO US0144011)
Parent Application/Grant:
  Related by Continuation to: US 2001954477 20010917 (CIP)

  19/AN,AZ,TI/13   (Item 13 from file: 349)

00872937
A CARD SYSTEM
SYSTEME A CARTES
   Application: WO 2001AU847 20010713   (PCT/WO AU0100847)

  19/AN,AZ,TI/14   (Item 14 from file: 349)

00857190
A NETWORK DEVICE FOR SUPPORTING MULTIPLE UPPER LAYER NETWORK PROTOCOLS OVER
    A SINGLE NETWORK CONNECTION
DISPOSITIF DE RESEAU COMPATIBLE AVEC PLUSIEURS PROTOCOLES DE RESEAU A
    COUCHE SUPERIEURE VIA UNE SEULE CONNEXION RESEAU
   Application: WO 2001US15867 20010516   (PCT/WO US0115867)

  19/AN,AZ,TI/15   (Item 15 from file: 349)

00814140
A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL
   Application: WO 2000US35429 20001222   (PCT/WO US0035429)

  19/AN,AZ,TI/16   (Item 16 from file: 349)

00802534
ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
   Application: WO 2000US31231 20001113   (PCT/WO US0031231)

  19/AN,AZ,TI/17   (Item 17 from file: 349)

00790514
OBJECT FRAMEWORKS FOR REINSURANCE
CADRES ORIENTES OBJET POUR REASSURANCE
   Application: WO 2000US26695 20000929   (PCT/WO US0026695)

  19/AN,AZ,TI/18   (Item 18 from file: 349)

00784143
SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG
    SERVERS
SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN
    ENVIRONNEMENT DE STRUCTURES DE SERVICES
   Application: WO 2000US24236 20000831   (PCT/WO US0024236)

  19/AN,AZ,TI/19   (Item 19 from file: 349)

00784126
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
    IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
    D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Application: WO 2000US24086 20000831   (PCT/WO US0024086)

  19/AN,AZ,TI/20   (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00778300
MACHINE VISION SENSOR UTILIZING SPREADSHEETS
CAPTEUR DE VISION ARTIFICIELLE
  Application: WO 2000US21787 20000809   (PCT/WO US0021787)

  19/AN,AZ,TI/21   (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777046
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR NETWORK PERFORMANCE
    MODELING
SYSTEME,   PROCEDE ET ARTICLE DE PRODUCTION POUR LA MODELISATION DE
    PERFORMANCES BASEE SUR LE COMMERCE ELECTRONIQUE
  Application: WO 2000US20548 20000728   (PCT/WO US0020548)

  19/AN,AZ,TI/22   (Item 22 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777021
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER
    FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS
SYSTEME, PROCEDE   ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE
    POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER
    LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS
  Application: WO 2000US20549 20000728   (PCT/WO US0020549)

  19/AN,AZ,TI/23   (Item 23 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777017
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN
    AN E-COMMERCE ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE
    STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE
    ELECTRONIQUE
  Application: WO 2000US20560 20000728   (PCT/WO US0020560)

  19/AN,AZ,TI/24   (Item 24 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777011
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK
    DESIGN IN AN E-COMMERCE ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE
    TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE
  Application: WO 2000US20705 20000728   (PCT/WO US0020705)

  19/AN,AZ,TI/25   (Item 25 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00340063
CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS
SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES
  Application: WO 96US883 19960117   (PCT/WO US9600883)

```
? show files;ds
File    2:INSPEC 1898-2007/Dec W2
          (c) 2007 Institution of Electrical Engineers
File   35:Dissertation Abs Online 1861-2007/Oct
          (c) 2007 ProQuest Info&Learning
File   65:Inside Conferences 1993-2007/Dec 31
          (c) 2007 BLDSC all rts. reserv.
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Oct
          (c) 2007 The HW Wilson Co.
File  474:New York Times Abs 1969-2007/Dec 29
          (c) 2007 The New York Times
File  475:Wall Street Journal Abs 1973-2007/Dec 30
          (c) 2007 The New York Times
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File  256:TecInfoSource 82-2007/Jul
          (c) 2007 Info.Sources Inc
File  139:EconLit 1969-2007/Nov
          (c) 2007 American Economic Association


Set     Items    Description
S1      401025   OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S2       56691   SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-
                 F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-
                 ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-
                 ON OR PROJECTION OR PROJECTIONS
S3       39361   FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW -
                 OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-
                 ESTMENT OR ESTATE OR INSURANCE
S4        3461   DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR
                 DISENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING -
                 OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S5       29900   OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-
                 ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S6      105249   DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-
                 LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR -
                 FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR
                 VALUES OR OFFSETS OR LINKS
S7       73287   BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-
                 UBSUMED OR SUBCLASS?? OR WITHIN
S8       49495   RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -
                 OR COMPUTE OR COMPUTING OR FIGUR???
S9         382   S2(5N)S3
S10         21   S4(5N)S5
S11       4058   S6(5N)S7
S12          0   S8(10N)S10(10N)S11
S13          0   S1(S)S9(S)S12
S14          0   S2(10N)S3(10N)S4(10N)S5(10N)S6(10N)S7(10N)S8
S15          0   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S16          0   S1 AND S2 AND S8 AND S10 AND S11
S17         10   S1 AND S2 AND S4 AND S5 AND S8
S18          4   S17 NOT PY>1999
S19          4   S18 NOT PD=19990615:20080229
S20          4   RD  (unique items)
```

20/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

06901143   INSPEC Abstract Number: C9806-7140-022
  Title: A flexible and extensible object - oriented **3D architecture: application in the development of virtual anatomy lessons**
  Author(s): Hoffman, H.; Murray, M.; Danks, M.; Prayaga, R.; Irwin, A.; Dzung Vu
  Author Affiliation: Sch. of Med., California Univ., San Diego, La Jolla, CA, USA
  Conference Title: Medicine Meets Virtual Reality. Global Healthcare Grid p.461-6
  Editor(s): Morgan, K.S.; Hoffman, H.M.; Stredney, D.; Weghorst, S.J.
  Publisher: IOS Press, Amsterdam, Netherlands
  Publication Date: 1997   Country of Publication: Netherlands   ix+621 pp.
  ISBN: 90 5199 299 8   Material Identity Number: XX98-00790
  Conference Title: Medicine Meets Virtual Reality Global Healthcare Grid
  Conference Date: 1997   Conference Location: San Diego, CA, USA
  Language: English
  Subfile: C

  Title: A flexible and extensible object - oriented **3D architecture: application in the development of virtual anatomy lessons**
  ...Abstract: in part through the specification of appropriate content and the incorporation of activities to enhance **visualization** . These lessons are an intellectual framework which ensures that clinically-relevant issues and ancillary learning opportunities are available. The curricular exercises are non-sequential and can be **interrupted** at any time; users are encouraged to freely explore the environment. At the core of Anatomic VisualizeR Copyright 's **object - oriented** architecture is the ability to identify, access, view and manipulate heterogeneous content. The capacity to...

  ... resources has been built into the application. Encapsulation of individual elements to form 3D display **objects** enables Anatomic VisualizeR Copyright to efficiently manage 3D models, 2D images, text, sound and video.
  ...Descriptors: data **visualisation** ; ...

...multimedia **computing** ; ...

... **object - oriented** databases...

...solid **modelling** ;
  Identifiers: **object oriented** 3D architecture...
...data **visualization** ; ...

...3D display **objects** ;

20/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

06772761   INSPEC Abstract Number: C9801-6130B-054
  Title: Applying dynamic loading to hierarchical **meshes for real-time viewing of large virtual landscapes**
  Author(s): Lewis, M.; Pitts, G.
  Author Affiliation: Dept. of Comput. Sci., Trinity Univ., San Antonio, TX, USA
  Conference Title: Military, Government, and Aerospace Simulation. Proceedings of the 1996 Simulation Multiconference   p.59-61
  Editor(s): Chinni, M.J.
  Publisher: SCS, San Diego, CA, USA
  Publication Date: 1996 Country of Publication: USA   viii+270 pp.

Conference Title: Proceedings of Military, Government and Aerospace Simulation
Conference Sponsor: SCS
Conference Date: 8-11 April 1996   Conference Location: New Orleans, LA, USA
Language: English
Subfile: C
Title: **Applying dynamic loading to** hierarchical **meshes for real-time viewing of large virtual landscapes**
...Abstract: there is one objective that supersedes all others: minimize the number of polygons. For most **objects** this comes at the cost of detail. When considering landscapes however, it also generally takes...

... displayed. Because most virtual environments tend to be static in that they load in all **objects** at the beginning of a run, this implies a certain maximum size for landscapes. This...

...generated landscapes. The paper presents a method for dynamic loading of landscape sections in a **hierarchical** mesh that allows the user to move through a world of any size. This method...

...higher or lower levels of detail in such a way that the process can be **interrupted** , and the entire landscape need not be **recalculated** because of viewpoint movement. The paper also shows how this method can be applied in an **object oriented** framework, and how additions such as rivers and cities can be added in a visually...
Descriptors: digital **simulation** ; ...

... **object - oriented** methods
...Identifiers: **hierarchical** meshes...

...**hierarchical** mesh...

... **object oriented** framework

20/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

06079786   INSPEC Abstract Number: B9511-6150M-079, C9511-6150J-035
Title: **Active** objects : **a paradigm for communications and event driven systems**
Author(s): Caal, G.; Divin, A.; Petitpierre, C.
Author Affiliation: Lab. de Teleinf., Ecole Polytech. Federale de Lausanne, Switzerland
Conference Title: 1994 IEEE GLOBECOM. Communications: The Global Bridge. Conference Record (Cat. No.94CH34025)   Part vol.1   p.485-9 vol.1
Conference Title: 1994 IEEE GLOBECOM. Communications: The Global Bridge
Conference Sponsor: IEEE Commun. Soc.; IEEE San Francisco Sect.; Alcatel Network Syst.; Digital Switch Corp.; Electrohome; Hewlett-Packard Lab.; Pacific Bell; Sprint; Sun Microsyst.; Tellabs Oper.; Texas Instrum.; Northern Telecom; AT&T Network Syst.; Bechtel: NEC America; Pirelli Corp
Conference Date: 28 Nov.-2 Dec. 1994   Conference Location: San Francisco, CA, USA
Language: English
Subfile: B C

Title: **Active** objects : **a paradigm for communications and event driven**

systems
   ...Abstract: finite state machine design. This paper presents a paradigm, based on the concept of active **objects** , that provides a new way of designing event driven applications. The concurrent and **object** - **oriented** capabilities of this approach make it particularly useful for facilitating the construction of complex event... .
   ...Descriptors: discrete event **simulation** ; ...

... **interrupts** ; ...

... **object** - **oriented** languages...

... **object** - **oriented** programming...

...telecommunication **computing** ;
  Identifiers: active **objects** ; ...

... **object** - **oriented** capabilities

 20/3,K/4   (Item 1 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online
(c) 2007 ProQuest Info&Learning. All rts. reserv.

1076379 ORDER NO: AAD89-20067
DYNAMIC ANALYSIS AND SIMULATION OF MECHANICAL SYSTEMS WITH INTERMITTENT CONSTRAINTS
   Author: WANG, YU
   Degree: PH.D.
   Year: 1989
   Corporate Source/Institution: CARNEGIE-MELLON UNIVERSITY (0041)
   Source: VOLUME 50/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 2593. 199 PAGES

DYNAMIC ANALYSIS AND SIMULATION OF MECHANICAL SYSTEMS WITH INTERMITTENT CONSTRAINTS

     This thesis studies the dynamics of mechanical systems with **discontinuously** imposed constraints, known as intermittent constraints, and control strategies for robotic systems with intermittent dynamic...

...controlled. The phenomena of contact friction and inelasticity of materials are included.
     Collisions between rigid **objects** generate impulsive forces and velocity **discontinuities** of the **objects** . Using a classical rigid-body model of impact, we find possible contact modes, and determine...

...system responses and their stability and bifurcations are also investigated. We analyze numerical properties for **computing** system discrete trajectories and determining global regions of stability. We show that an integration of the approach into a computer **simulation** system enhances its performance, especially for revealing the properties of multiple collisions.
     The approach is...

...robot to accomplish the task in the presence of multiple collisions. We also discuss the **generalization** of the method to robotic manipulation systems with dynamic environments and the design of mechanical...

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? show files;ds
File  20:Dialog Global Reporter 1997-2008/Jan 03
        (c) 2008 Dialog

Set     Items    Description
S1     708944    OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S2     708944    OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S3      36215    SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-
                 F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-
                 ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-
                 ON OR PROJECTION OR PROJECTIONS
S4     429807    FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW -
                 OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-
                 ESTMENT OR ESTATE OR INSURANCE
S5      20512    DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR
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                 OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6      17546    OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-
                 ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7     283837    DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-
                 LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR -
                 FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR
                 VALUES OR OFFSETS OR LINKS
S8     342770    BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-
                 UBSUMED OR SUBCLASS?? OR WITHIN
S9     108811    RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -
                 OR COMPUTE OR COMPUTING OR FIGUR???
S10      3358    S3(5N)S4
S11        17    S5(5N)S6
S12     10945    S7(5N)S8
S13         0    S9(10N)S11(10N)S12
S14         0    S2(S)S10(S)S13
S15      4781    S3(10N)S4
S16        27    S5(10N)S6
S17         0    S2(S)S8(S)S9(S)S15(S)S16
S18         0    S8(S)S9(S)S15(S)S16
S19         0    S3(S)S8(S)S9(S)S16
S20        23    S5(S)S6(S)S8(S)S9
S21         6    S3(S)S20
S22         9    S3(F)S8(F)S9(F)(S5(S)S6)
S23        26    S20 OR S22
S24         0    S23 NOT PY>1999
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? show files;ds
File   9:Business & Industry(R) Jul/1994-2007/Dec 20
          (c) 2007  The Gale Group
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          (c) 2008 ProQuest Info&Learning
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          (c) 2008 The Gale Group
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          (c)2008 The Gale Group
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          (c) 1999 The Gale Group
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          (c) 2007 Financial Times Ltd
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          (c) 2008 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2007/Dec 27
          (c) 2008 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2008/Dec 28
          (c) 2008 The Gale Group


Set     Items    Description
S1    1198266    OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S2    1198266    OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-
                 ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-
                 ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -
                 OR PYRAMID?? OR TIER??
S3      96154    SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-
                 F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-
                 ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-
                 ON OR PROJECTION OR PROJECTIONS
S4     799839    FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW -
                 OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-
                 ESTMENT OR ESTATE OR INSURANCE
S5      47491    DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR
                 DISENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING -
                 OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6      91719    OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-
                 ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7     606069    DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-
                 LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR -
                 FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR
                 VALUES OR OFFSETS OR LINKS
S8     638056    BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-
                 UBSUMED OR SUBCLASS?? OR WITHIN
S9     267444    RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -
                 OR COMPUTE OR COMPUTING OR FIGUR???
S10      9275    S3(5N)S4
S11       102    S5(5N)S6
S12     37594    S7(5N)S8
S13         0    S9(10N)S11(10N)S12
S14         0    S2(S)S10(S)S13
S15         3    S3(S)S5(S)S6(S)S8(S)S9
S16       357    (S5(S)S6)(F)S9
S17       119    S3(F)S16
S18       114    S8(F)S17
S19        49    S3(S)S16
S20        49    S15 OR S19
S21        37    S20 NOT PY>1999
S22        35    S21 NOT PD=19990615:20080229
S23        32    RD   (unique items)
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23/3,K/3   (Item 3 from file: 15)

The use of fuzzy logic in business decision-making
Hutchinson, Martin O

...TEXT: their variation in a given time period tends to be either much
less than the **calculated** volatility or much more, with fewer than
predicted **instances** of variation around the volatility (see Vaga [1994]).
In times of market stress, **discontinuities** occur, making Black-Scholes
hedging at intermediate prices impossible, and leading to losses for option
...

...cluster together in time in a way unpredicted by Bayesian analysis.
Consequently, like Monte Carlo **simulation** , conventional options valuation
models grossly underestimate the potential risks at the tails of the
probability...

...of a European call option with a strike price of x is simply the area
under the belief graph of the expected share price at expiry date that is
greater than...

...strike price is 7/8 x 5.7761 = \$5.0541. It should be noted that, **under**
fuzzy logic options valuation methods, the put/call parity theorem is not
automatically obeyed. From...

...becomes cheaper than buying them outright. This is because, if the share
price drops sharply **below** the \$35 strike price and then recovers, the buy
call/sell-put trader may end...

...attractive in terms of today's \$40 price; this may also happen as prices
fluctuate **discontinuously** toward the expiry of the option. Because of
discontinuous share price fluctuations, and the fact that options, once
exercised, cannot be unexercised, a call...

23/3,K/4   (Item 4 from file: 15)

**Self-adaptive software for signal processing: Evolving systems in changing
environments without growing pains**
Sztipanovits, Janos; Karsai, Gabor; Bapty, Ted

...TEXT: the DSP domain, although there are similar environments supporting
other domains as well (for example, **simulation**). These environments
represent a more general approach in software engineering, which we call
modelintegrated **computing** (MIC). In MIC, various high-level, abstract,
and formal models are used in building, analyzing...

...main components of a programming environment for DSP in the MGA
framework are shown in **Figure** 1.

For large-scale DSP systems, the models can be very complicated; therefore
a graphical...

23/3,K/5   (Item 5 from file: 15)

01597367 02-48356
Enabling the effective involvement of multiple users: Methods and tools for collaborative software engineering
Dean, Douglas L; Lee, James D; Pendergast, Mark O; Hickey, Ann M; Nunamaker, Jay F Jr
Journal of Management Information Systems: JMIS v14n3 PP: 179-222 Winter 1997/1998
ISSN: 0742-1222 JRNL CODE: JMI
WORD COUNT: 18282

...TEXT: and a necessary part of systems integration [3, 32, 40, 46]. The value of data **modeling** and data integration is further underlined by a study conducted by the Gartner Group which...

...in productivity [2, 47], studies such as [38] have shown that, in the majority of **instances** (70 percent), use of CASE tools has been **discontinued** one year after adoption.

The refinement of systems development methodologies made it possible to verify...realized an integrated semantic checker within AM was essential. During model development we found that **modeling** rule violations were easily overlooked by the SMEs unless they received immediate feedback. The error...

...and model inconsistencies (warnings) are flagged with red dots (see the top two inputs in **figure** 3), which the SMEs can click on for an explanation of the error or warning...

...can be corrected. This immediate feedback helps the SMEs and the facilitator identify and fix **modeling** errors, inconsistencies, and omissions before they get out of control.

Group Coordination and Group Access...the draft model, the entity list is made available to all SMEs through the EMS **modeling** tool environment. At this point, the emphasis is on identifying, naming, and textually defining the...

...in parallel, at their own pace, as they work through the entire entity list (see **figure** 6).

SMEs are asked to post questions and new or improved entity definitions into the...involvement. The remainder of this section focuses on what is required to enable collaborative modeling.
 Figure 10 reflects essential components of collaborative **modeling** support. First, collaborative **modeling** tools enable SMEs to interact directly with models while working in parallel. Such tools must contain a user-comprehensible interface, essential for complexity management.
Modeling aids within collaborative **modeling** tools can also benefit model development, as can model access controls that help govern what...

 23/3,K/11   (Item 11 from file: 15)

01083641 97-33035
Design criteria for cooperating robots assembly cells
Pelagagge, Pacifico M; Cardarelli, Gino; Palumbo, Mario
Journal of Manufacturing Systems v14n4 PP: 219-229 1995
ISSN: 0278-6125 JRNL CODE: JMY
WORD COUNT: 5469

...TEXT: TI) activities. The evaluation of TO and TI may be carried out either by analytic **calculation** or by experimental analysis. In the first

case, sophisticated algorithms for robot **modeling** must be available. In both cases, a method study of the robot carrying out the...

 23/3,K/23 **(Item 6 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03932739   SUPPLIER NUMBER: 07217376   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Beyond garbage cans: an AI model of organizational choice. (artificial intelligence)
Masuch, Michael; LaPotin, Perry
Administrative Science Quarterly, v34, n1, p38(30)
March, 1989
ISSN: 0001-8392   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 13551   LINE COUNT: 01123

...   The proliferation of artificial intelligence (AI) into other fields has revived the interest in computer 1modeling of organizations (Cohen, 1986). AI indicates three directions for possible improvement in **modeling** techniques: First, experience with AI shows that one cannot model most nontrivial aspects of human...

...solving algorithms. Instead, they require symbolic data structures and inference strategies that can move through **discontinuous** problem spaces where alternatives are constituted by specific rules (Newell and Simon, 1972: 19-51...

...the attention to object-oriented design techniques as a replacement for traditional, procedure-driven designs. **Discontinuous** problem spaces are rarely well defined, so that the traditional design techniques, requiring well-defined...

...become inadequate. Instead, designs are needed that place the emphasis on the selection of basic **objects** to represent relevant features of the reference world and to build the model from a combination of such **objects** (Brachman and Levesque, 1985). Third, AI provides a better understanding of the epistemological conditions of **modeling** . When computer models made their first appearance, the animated world they created was taken as...

...Riesbeck, and McDermott, 1986; Sterling and Shapiro, 1986), heuristic search strategies that can move through **discontinuous** problem spaces (Newell and Simon, 1972; Kowalski, 1979; Nilsson, 1981; Rich, 1983), and programming techniques potential as a theory generator. Counterintuitive results from the **simulation** are examined in detail and are shown to bear on known organizational phenomena, such as...exceeds his or her aspirations, the aspiration level will adapt upward. The moving average is **calculated** as the simple time integrated average over a period that is proportional to the step size of the **simulation** . The step size is a parameter specified a priori for a given **simulation** run. Preferences. Each actor has preferences regarding various elements of the decision process. For example...Although DoubleAISS can handle variable degrees of commitment, intermediate values were not included in the **simulation** experiment. Structure. Structure encompasses two aspects, as noted: (1) the network of communication between actors...cognitive capacity simultaneously decreased the tally of nondecisions and increased the number of nonsolutions. As **Figure** 2 shows, both commitment and cognitive capacity are important predictors of organizational performance, but it...

...counterproductive. Having more time to think enables uncommitted actors to think up better nonsolutions--to **figure** out how to do nothing even when it's difficult not to be productive. This...

...and the converse relationship for high levels of commitment, both of which are evident in **Figure** 3. Workload. As shown in **Figure** 4, workload (WL) played an ambiguous role. Productivity dropped off significantly for high workload, as...

...misrepresented by the regressions because its effect on an organization's performance is nonlinear. As **Figure** 5 shows, positive effects of structure typically peak when there are several ties between actors...

...ties lose some time maintaining contact with others or, in terms of DoubleAISS, waste time **figuring** out which contacts to use; actors without enough ties must go out of their way and the climate. These effects are shown in **Figure** 6. As the regressions show, hierarchy (structure mediated by authority relations, HIER) does not seem...

...regression equation for the number of solutions. But closer inspection shows more complex patterns. As **Figure** 7 shows, the effect of hierarchy seems to interact strongly with the distribution of commitment...

...productivity. Only if commitment is low can authority relations help the performance. Thinking ahead. The **simulation** experiment put a cap on the maximum number of steps an actor could think ahead...

...helps an actor to find solutions and avoid nondecisions (not surprisingly). Furthermore, as shown in **Figure** 8, thinking ahead appears crucial to the problem-solving behavior of organizations dominated by unmotivated...

...performance. Preferences for actions, skills, and depth-first thinking were activated as parameters for the **simulation** , but only the action preference (ACTIONP) comes up in the stepwise regressions and the additional detailed analysis. As shown in **Figure** 9, productivity seems to suffer under inconsistent action preferences; conversely, there is an increase in...

...that might be expected in a global exploration of a model's parameter space, the **simulation** experiment has produced several counterintuitive results concerning commitment, climate, and workload. These concepts play an...Reichers, 1985; McGee and Ford, 1987)--only to increase the already persisting confusion. While a **simulation** model cannot address all validity problems, DoubleAISS helps to elucidate the domain's complexity, drawing...

...model predicts a positive relation between commitment and productivity as the main effect. But the **simulation** experiment reveals an interaction effect that is unlikely to be anticipated during the design of...

...and little gets done. The presence of uncommitted actors raises productivity under these trying circumstances (**Figure** 4). They "pass the buck" to their committed colleagues, who, in turn, can find the...

...organizational behavior (Glick, 1988). A third observation concerns the interaction between commitment, productivity, and authority (**Figure** 7). As noted, authority relations seem to help performance only when commitment is low. Puzzling...have proposed a "generative grammar of organizational transactions" that might become the basis of a **modeling** effort if one is going to represent organizational actions in terms of a language parser...

...theory. The window is wide open, and the prospects are exciting. Third, by reiterating computer **simulation** as a technique of theorizing, DoubleAISS focuses attention on a ...theory. Finally, this study is one of the first to combine artificial intelligence with computer **simulation** . While many Al models successfully mimic certain aspects of intelligent behavior, few undertake a systematic exploration of the state space of a given model representation (Elzas, Oren, and Ziegler, 1986). **Simulation** does produce promising new perspectives on theory production, especially when powered with Al-based inference...

...theory might generate without violating the rules of logic--is hardly ever explored. Al-based **simulation** thus may help to make better use of existing theories and facilitate the development of...

...warrant the implementation. A full factorial design would have required an astronomical number of runs-- **calculating** the product of [3.sup.10] simulations required by a full factorial design with three values per parameter, 30 runs per **simulation** , and approximately 3 minutes elapsed per run. REFERENCES Anderson, Paul A., and Gregory W. Fischer...

...Sciences. New York: Columbia University Press. Burton, Richard M., Borge Obel 1984 Designing Efficient Organizations: **Modeling** and Experimentation. New York: North-Holland. Carley, Kathleen 1986 "Efficiency in a garbage can: Implications...

...New York: Harper and Row. Dutton, John W., and William H. Starbuck (eds.) 1971 Computer **Simulation** and Human Behavior. New York: Wiley. Elzas, Maurice S., Tuncer I. Oren, and Bernard Ziegler (eds.) 1986 **Modeling** and **Simulation** in the Artificial Intelligence Era. Amsterdam: North-Holland. Forrester, Jay W. 1961 Industrial Dynamics. Cambridge 1973 Systems Analysis and **Simulation** with Applications to Economic and Social Systems. East Lansing, MI: Michigan State University. March, James...

...John Richardson, and Gerhard Bruckman 1982 Groping in the Dark: The First Decade of Global **Modeling** . New York: Wiley. Miller, George A. 1956 "The magic number seven plus or minus two...

...Press. Pfeffer, Jeffrey 1982 Organizations and Organization Theory. Marshfield, MA: Pitman. Pidd, Michael 1984 Computer **Simulation** in Management Science. New York: Wiley. Randall, Donna M. 1987 "Commitment and the organization: The...

...Hierarchies: Analysis and Antitrust Implications. New York: Free Press. [Tabular Data 1 to 4 Omitted] [**Figure** 1 to 9 Omitted]

23/3,K/27 **(Item 3 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01663730   SUPPLIER NUMBER: 14822149   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Distributed AI Toolkit. (a framework for Distributed Artificial
   Intelligence) (Technical)
Goldstein, David
AI Expert, v9, n1, p34(4)
Jan, 1994
DOCUMENT TYPE: Technical   ISSN: 0888-3785   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2033   LINE COUNT: 00184

...   statistical analysis packages, spread-sheets, and so on all can be incorporated into an application.
      Figure 1 considers a portion of a computer-integrated manufacturing system. The different applications provide very...

...tool can be critiqued using the analysis tool, examined in hypothetical production runs with the **simulation** package, and fabricated on the factory floor with scheduling and planning software. Conflicts among the applications in **Figure** 1 might be resolved by a hierarchical strategy (resolved by a "boss agent") or negotiation...

23/3,K/28   **(Item 4 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01619648   SUPPLIER NUMBER: 14359542   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Designing and implementing 'choices': an object-oriented system in C++.
   (usage of C++ to construct parallel application porting system) (one of
   eight articles on concurrent object-oriented programming; special issue)

(Technical)
Campbell, Roy H.; Islam, Nayeem; Raila, David; Madany, Peter
Communications of the ACM, v36, n9, p117(10)
Sept, 1993
DOCUMENT TYPE: Technical   ISSN: 0001-0782   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6857   LINE COUNT: 00588

...   dependent concrete classes.
     The VirtualChoices implementation specializes the Choices
architectural design with concrete subclasses (see **Figure** 1) that
implement their functions using Unix system calls. Unlike a **simulation**
[13], VirtualChoices behaves like a port of Choices to bare hardware. It
supports Choices applications...

 23/3,K/29   **(Item 5 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01379320   SUPPLIER NUMBER: 09559549   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Real-time operating systems struggle with multiple tasks.
Williams, Tom
Computer Design, v29, n19, p92(9)
Oct 1, 1990
ISSN: 0010-4566 ·   LANGUAGE: ENGLISH ·   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5381   LINE COUNT: 00426

...   pipeline to scale, clip, rotate, render and finally display the
graphics image.
     In a flight **simulation** application, several CPUs might be assigned
to cycle a set of equations which model the aircraft--position of control
surfaces, aircraft position, instruments and so on--and which **compute** the
out-the-window display that appears to the pilot on the screen or screens
...

...system is to do the computations within the frame rate of the display.
As the **simulation** model gets more complex, CPUs can be added and the
operating system can keep them...but when he does, its interrupt service
routines generate new variables to plug into the **modeling** equations and
update the display.
     This is a point where real-time multiprocessing can differ...

 23/3,K/30   **(Item 6 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01377513   SUPPLIER NUMBER: 09564415   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**NEST: a network simulation and prototyping testbed. (Discrete Event
   Simulation) (technical)**
Dupuy, Alexander; Schwartz, Jed; Yemini, Yechiam; Bacon, David
Communications of the ACM, v33, n10, p63(12)
Oct, 1990
DOCUMENT TYPE: technical   ISSN: 0001-0782   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7081   LINE COUNT: 00584

...   examples of NEST applications.
     Architecture of NEST
     The overall architecture of NEST is depicted in **Figure** 1. NEST
consists of a **simulation** server and client monitors. The **simulation**
server is responsible for the execution of **simulation** runs. The generic
client monitors are used to (re)configure a **simulation** model and control
its execution. The custom client monitors are used to observe **simulation**
behavior and display the results. Clients can (and typically will) reside
on separate machines from the server. This allows dedication of a

computing server to execute a cycle-consuming **simulation** while delegating presentation and control functions to remote workstations. The client-server communications require relatively...

...at the different sites.

User interaction with NEST is depicted via the shaded arrows in **Figure** 1. Users provide node and link functions which are linked with the **simulation** server to form a **simulation** testbed. These functions are coded in C and include calls upon the NEST library. Node...

...may be obtained through incremental extensions.

NEST User Interfaces

NEST users control and manage a **simulation** through graphical monitoring tools. NEST provides two kinds of monitors: generic monitors and custom monitors. The generic monitor provides a complete environment to create, edit and configure **simulation** scenarios. A typical generic monitor screen is depicted in **Figure** 2. The user creates and modifies a network description using a mouse to draw it...

...of editing features to configure the respective simulated objects. The pop-up menus in the **figure** are being used to change the function assigned to a node; the "show node data" item can be used to update the node properties window. **Simulation** parameters may be set via respective panels at the top. Once the user has defined a **simulation** scenario, it is sent to the **simulation** server where it is loaded and executed.

One of NEST's key features is the...interpretation of protocol messages. Since these cannot be shared by all the nodes in a **simulation**, they are turned into arrays of variables, indexed by node ID numbers, and appropriate preprocessor...

...that the existing code need not be changed. The daemon also uses UNIX timers to **interrupt** the program periodically so that it will send out routing updates to its neighbors. Since these timers cannot be easily shared by several **instances** of the routing code, the **top - level** control loop must be altered slightly to check whether it is time to send out routing updates.

Once these changes have been made, the RIP **simulation** will run under NEST, and the user can add additional features to support a custom...

...display routines from the generic monitor and incorporate them into a monitor function in the **simulation**. This function can trace through the routing tables of the nodes in a network to...

...correct routes to be established. An example of such a custom monitor is illustrated in **Figure** 3.

The user can now examine how RIP reacts dynamically to failures in the network...to receive a message from another node, it gets the first message that arrives in **simulation** time. The difficulties in ensuring this are depicted in **Figure** 5. The scheduler runs node A first, and it sends a message to node B...

...from A has been delivered, and would normally be available to node B. But in **simulation** time, there may be a message from node C which would arrive before the message from node A. As a result, the **simulation** scheduler cannot give B any message until it knows that no earlier message (in **simulation** time) can possibly be sent.

In order to establish correct ordering of events within the...

...of

NEST

The key goals of NEST implementation are efficiency, portability and extensibility. Efficiency of **simulation** is of great importance in the study of large-scale complex distributed systems. Certain phenomena...

...such systems cannot be extrapolated from the study of small-scale simplified versions. However, a **simulation** study of complex large-scale systems may require significant **computing** resources and consume too much

time. NEST accomplishes significant efficiency through the use of a...
...overheads associated with multi-tasking implementation. Sharing memory
among the different process threads permits the **simulation** to accomplish
significant efficiency (e.g., passing pointers instead of full messages).
Finally, the user...

...the user can reset the pass duration to allow for efficient
uninterrupted execution of the **simulation** .
     NEST has proved very efficient in studies of both large-scale and
complex distributed systems...scenarios and respond to the respective
changes.
     Separation of scenario display and control from the **simulation**
execution in terms of **simulation** server and monitoring clients can offer
additional attractions. The **simulation** may be executed over a remote
computational server, permitting optimum utilization of the server cycles
...

...provide effective remote (re)configuration and scenario controls. This
permits users to access substantially more **computing** capabilities over a
network than may be available to them locally, and conduct extensive
simulation studies. Additionally, as is often the case, the development of
a complex distributed system may involve work at multiple sites. A common
simulation testbed can support sharing of software and efforts as well as
improved studies of the...

 23/3,K/31   **(Item 7 from file: 275)**
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01372441   SUPPLIER NUMBER: 09452475   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Concurrent object-oriented programming. (includes related article on
  multicomputers)
Agha, Gul
Communications of the ACM, v33, n9, p125(17)
Sept, 1990
ISSN: 0001-0782   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 12260   LINE COUNT: 01002

...   may be represented as systems of objects.
    The Actor Model
    A common semantic approach to **modeling** objects is to view the
behavior of objects as functions of incoming communications. This is...

...taken in the actor model [21]. Actors are self-contained, interactive,
independent components of a **computing** system that communicate by
asynchronous message passing. The basic actor primitives are (see **Figure
4**):
    create: creating an actor from a behavior description and a set of
parameters, possibly...

```
23/6/1      (Item 1 from file: 15)
01961987   46794907
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Market orientation and the marketing strategy process
Spring 1999   LENGTH: 14 Pages
WORD COUNT: 10455


23/6/2      (Item 2 from file: 15)
01784412   04-35403
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Agents with power
Mar 1999   LENGTH: 7 Pages
WORD COUNT: 2930


23/6/3      (Item 3 from file: 15)
01664984   03-15974
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
The use of fuzzy logic in business decision-making
Summer 1998   LENGTH: 14 Pages
WORD COUNT: 8403


23/6/4      (Item 4 from file: 15)
01631120   02-82109
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Self-adaptive  software for signal processing: Evolving systems in changing
environments without growing pains
May 1998   LENGTH: 8 Pages
WORD COUNT: 5195


23/6/5      (Item 5 from file: 15)
01597367   02-48356
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Enabling the effective involvement of multiple users: Methods and tools for
collaborative software engineering
Winter 1997/1998   LENGTH: 44 Pages
WORD COUNT: 18282


23/6/6      (Item 6 from file: 15)
01476073   01-27061
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Kinetix' Hyperwire 1.0
Aug 1997   LENGTH: 4 Pages
WORD COUNT: 2034


23/6/7      (Item 7 from file: 15)
01447806   00-98793
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
Domino:  A multifaceted conceptual framework for visual simulation modeling
May 1997   LENGTH: 28 Pages
WORD COUNT: 11736


23/6/8      (Item 8 from file: 15)
01405887   00056874
                   **USE FORMAT 7 OR 9 FOR FULL TEXT**
From Kansas to Oz:  Collaborative debugging when a shared world breaks
Apr 1997   LENGTH: 7 Pages
WORD COUNT: 3879
```

23/6/9   (Item 9 from file: 15)
01364464   00-15451
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Post-WIMP user interfaces
Feb 1997   LENGTH: 5 Pages
WORD COUNT: 3004

23/6/10   (Item 10 from file: 15)
01215231   98-64626
                    USE FORMAT 7 OR 9 FOR FULL TEXT
A geometric modeling and animation system for virtual reality
May 1996   LENGTH: 8 Pages
WORD COUNT: 5136

23/6/11   (Item 11 from file: 15)
01083641   97-33035
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Design criteria for cooperating robots assembly cells
1995   LENGTH: 11 Pages
WORD COUNT: 5469

23/6/12   (Item 12 from file: 15)
00965462   96-14855
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Multiplicity and change in persons and organizations
1994   LENGTH: 10 Pages
WORD COUNT: 5117

23/6/13   (Item 13 from file: 15)
00824057   94-73449
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Knowledge-based approach for improvement of CNC part programs
1994   LENGTH: 11 Pages
WORD COUNT: 5695

23/6/14   (Item 14 from file: 15)
00777463   94-26855
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Complexity   reduction   during   interruption   analysis   in   a   flexible
manufacturing system using knowledge-based on-line simulation
1993   LENGTH: 17 Pages
WORD COUNT: 9823

23/6/15   (Item 15 from file: 15)
00760723   94-10115
                    USE FORMAT 7 OR 9 FOR FULL TEXT
Designing and implementing CHOICES: An object-oriented system in C++
Sep 1993   LENGTH: 10 Pages
WORD COUNT: 6507

23/6/16   (Item 16 from file: 15)
00656139   93-05360
                    USE FORMAT 7 OR 9 FOR FULL TEXT
The RACE Open Services Architecture Project
1992   LENGTH: 20 Pages
WORD COUNT: 10213

23/6/17   (Item 1 from file: 16)
05357497   Supplier Number: 48148613   (USE FORMAT 7 FOR FULLTEXT)
The Quest for DWG Compatibility
Dec, 1997
Word Count: 4555

23/6/18   (Item 1 from file: 148)
0019710445   SUPPLIER NUMBER: 53255783   (USE FORMAT 7 OR 9 FOR FULL
TEXT)
-WORLD AGRICULTURAL OUTLOOK BOARD: Agricultural outlook -- Part III of III.
Nov 23, 1998
WORD COUNT: 7742   LINE COUNT: 00626

23/6/19   (Item 2 from file: 148)
09914193   SUPPLIER NUMBER: 17017600   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Specifying the structure which integrates a firm's skills with market
  needs.
April, 1995
WORD COUNT: 7338   LINE COUNT: 00682

23/6/20   (Item 3 from file: 148)
07718580   SUPPLIER NUMBER: 16673417   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Modeling virtual worlds. (modeling tips)
Feb, 1995
WORD COUNT: 1693   LINE COUNT: 00125

23/6/21   (Item 4 from file: 148)
06503616   SUPPLIER NUMBER: 14175575   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mac modeling vendors stir the ibm pot. (3-D modeling software)
March-April, 1993
WORD COUNT: 3618   LINE COUNT: 00284

23/6/22   (Item 5 from file: 148)
05206766   SUPPLIER NUMBER: 11041309   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computing in totalitarian states: Poland's way to an informed society.
Summer, 1991
WORD COUNT: 4573   LINE COUNT: 00395

23/6/23   (Item 6 from file: 148)
03932739   SUPPLIER NUMBER: 07217376   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Beyond garbage cans: an AI model of organizational choice. (artificial
  intelligence)
March, 1989
WORD COUNT: 13551   LINE COUNT: 01123

23/6/24   (Item 7 from file: 148)
03525710   SUPPLIER NUMBER: 06460368   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Design, modeling, and analysis. (CAD-CAM software and hardware) (includes
  focus articles on modeling thermoplastics, expert systems, models for
  database management, etc.)
June 16, 1988
WORD COUNT: 5374   LINE COUNT: 00440

23/6/25   (Item 1 from file: 275)
01804821   SUPPLIER NUMBER: 17155728   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Client/server and host app. development tools.(1995 Database Buyer's Guide

and Client/Server Sourcebook)(Buyers Guide)
May 15, 1995
WORD COUNT: 20277   LINE COUNT: 01789

  23/6/26   (Item 2 from file: 275)
01668174   SUPPLIER NUMBER: 15071778   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Entering the world of 3-D. (Alias Research's Sketch 1.5, Auto-Des-Sys'
   Form.Z 2.3, Specular International's Infini-D 2.5, MacroMedia's
   MacroModel 1.5, VIDI's Presenter Professional 1.5, Ray Dream's Designer
   3.0, Byte by Byte's Sculpt 3D 3.1 and 4D 3.1, Strata's StrataVision 3D
   2.6 and Studio Pro computer-aided design programs) (includes related
   article on software trends) (Software Review) (Evaluation)
April, 1994
WORD COUNT: 4961   LINE COUNT: 00444

  23/6/27   (Item 3 from file: 275)
01663730   SUPPLIER NUMBER: 14822149   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Distributed AI Toolkit. (a framework for Distributed Artificial
   Intelligence) (Technical)
Jan, 1994
WORD COUNT: 2033   LINE COUNT: 00184

  23/6/28   (Item 4 from file: 275)
01619648   SUPPLIER NUMBER: 14359542   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Designing and implementing 'choices': an object-oriented system in C++.
   (usage of C++ to construct parallel application porting system) (one of
   eight articles on concurrent object-oriented programming; special issue)
   (Technical)
Sept, 1993
WORD COUNT: 6857   LINE COUNT: 00588

  23/6/29   (Item 5 from file: 275)
01379320   SUPPLIER NUMBER: 09559549   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Real-time operating systems struggle with multiple tasks.
Oct 1, 1990
WORD COUNT: 5381   LINE COUNT: 00426

  23/6/30   (Item 6 from file: 275)
01377513   SUPPLIER NUMBER: 09564415   (USE FORMAT 7 OR 9 FOR FULL TEXT)
NEST: a network simulation and prototyping testbed. (Discrete Event
   Simulation) (technical)
Oct, 1990
WORD COUNT: 7081   LINE COUNT: 00584

  23/6/31   (Item 7 from file: 275)
01372441   SUPPLIER NUMBER: 09452475   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Concurrent object-oriented programming. (includes related article on
   multicomputers)
Sept, 1990
WORD COUNT: 12260   LINE COUNT: 01002

  23/6/32   (Item 8 from file: 275)
01302119   SUPPLIER NUMBER: 07365876   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Release 1.0 calendar. (April 1989-March 1990)
April 10, 1989
WORD COUNT: 3014   LINE COUNT: 00253

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S12      10177   S7(5N)S8
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20/6/1   (Item 1 from file: 13)
00589383   Supplier Number: 24368545 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Caroline Foley and the Theory of Intersubjective Demand; Part 3 of 3
September 1998
WORD COUNT: 4592

20/6/2   (Item 1 from file: 75)
00221051   SUPPLIER NUMBER: 19586840   (USE FORMAT 7 FOR FULL TEXT)
The art of continuous change: linking complexity theory and time-paced
  evolution in relentlessly shifting organizations.
March, 1997
WORD COUNT: 13722   LINE COUNT: 01154

20/6/3   (Item 2 from file: 75)
00138746   SUPPLIER NUMBER: 09728447   (USE FORMAT 7 FOR FULL TEXT)
Technological discontinuities and dominant designs: a cyclical model of
  technological change.
Dec, 1990
WORD COUNT: 12225   LINE COUNT: 01160

20/6/4   (Item 3 from file: 75)
00136436   SUPPLIER NUMBER: 08150672   (USE FORMAT 7 FOR FULL TEXT)
The mediating role of attitude toward the ad: some additional evidence.
  (Research Notes and Communications)
Feb, 1990
WORD COUNT: 6091   LINE COUNT: 00532

20/6/5   (Item 4 from file: 75)
00130104   SUPPLIER NUMBER: 07217376   (USE FORMAT 7 FOR FULL TEXT)
Beyond garbage cans: an AI model of organizational choice. (artificial
  intelligence)
March, 1989
WORD COUNT: 13389   LINE COUNT: 01123

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